

# REPORT: 1984

## OREGON VITAL STATISTICS



HEALTH DIVISION

OREGON DEPARTMENT OF HUMAN RESOURCES  
1400 S.W. 5th Avenue  
Portland, OR 97201

OREGON  
PUBLIC HEALTH STATISTICS  
REPORT  
FOR CALENDAR YEAR  
1984

OREGON DEPARTMENT OF HUMAN RESOURCES  
HEALTH DIVISION  
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# QUICK REFERENCE

# SUMMARY OF OREGON'S VITAL EVENTS, 1984

|                          |            |                                                                                                                                              |
|--------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| POPULATION               | 2,660,000  | Population increase to level nearly equal to 1981 peak.                                                                                      |
| LIVE BIRTHS              | Residents  | Number and rates down for fourth year in row even after adjusting for number of women in childbearing years.                                 |
| Number                   | 39,536     |                                                                                                                                              |
| Crude Rate               | 14.9       |                                                                                                                                              |
| Fertility Rate           | 62.8       |                                                                                                                                              |
| DEATHS                   | Residents  | Deaths increase. Rate increase second year in row. Highest rate in last eight years.                                                         |
| Number                   | 23,101     |                                                                                                                                              |
| Rate                     | 8.7        |                                                                                                                                              |
| MARRIAGES                | Occurrence | Marriages down in both number and rate.                                                                                                      |
| Number                   | 23,074     |                                                                                                                                              |
| Rate                     | 8.7        |                                                                                                                                              |
| DISSOLUTION OF MARRIAGES | Occurrence | Divorces decrease both in number and rate. Oregon rate higher than U.S.                                                                      |
| Number                   | 15,631     |                                                                                                                                              |
| Rate                     | 5.9        |                                                                                                                                              |
| UNWED MOTHERS            | Residents  | Number of unwed mothers increased. Proportion of unwed mothers to total births highest ever.                                                 |
| Number                   | 6,861      |                                                                                                                                              |
| Rate                     | 173.5      |                                                                                                                                              |
| LOW-BIRTH WEIGHT INFANTS | Residents  | Number and rate of low-birth weight infants increase. Rate increased by 3% from 1983.                                                        |
| Number                   | - 2,036    |                                                                                                                                              |
| Rate                     | 51.5       |                                                                                                                                              |
| INFANT DEATHS            | Residents  | Number approximately same as last year, but rate increased by 2%.                                                                            |
| Number                   | 388        |                                                                                                                                              |
| Rate                     | 9.8        |                                                                                                                                              |
| NEONATAL DEATHS          | Residents  | Number and rate of neonatal deaths lowest recorded, but post-neonatal deaths greater for first time.                                         |
| Number                   | 190        |                                                                                                                                              |
| Rate                     | 4.8        |                                                                                                                                              |
| MATERNAL DEATHS          | Residents  | Maternal death rate compares favorably with U.S. rate over 5 year period, but Oregon's 1984 number is still higher than seen in late 1970's. |
| Number                   | 5          |                                                                                                                                              |
| Rate                     | 12.6       |                                                                                                                                              |
| INDUCED ABORTIONS        | Occurrence | Reversal of decline begun in 1980. Could be due to change from voluntary to mandatory reporting by providers.                                |
| Number                   | 13,133     |                                                                                                                                              |
| Ratio                    | 321.6      |                                                                                                                                              |

Birth, death, marriage and dissolution of marriage rates are per 1,000 population; illegitimate birth ratio, immature births, and infant and neonatal deaths rate per 1,000 live births; maternal death ratio per 100,000 live births; induced abortion ratio per 1,000 live births.



TABLE 1. POPULATION, LIVE BIRTHS, BIRTHS TO UNWED MOTHERS, MARRIAGES, DISSOLUTION OF MARRIAGES, U.S., 1945-1984

| YEAR  | POPULATION  | LIVE BIRTHS |      | BIRTHS TO UNWED MOTHERS |       | MARRIAGES |      | DISSOLUTION OF MARRIAGES |      |
|-------|-------------|-------------|------|-------------------------|-------|-----------|------|--------------------------|------|
|       |             | Number      | Rate | Number                  | Ratio | Number    | Rate | Number                   | Rate |
| 1945  | 132,481,000 | 2,735,456   | 20.6 | 117,400                 | 42.9  | 1,612,992 | 12.2 | 485,000                  | 3.5  |
| 1946  | 140,054,000 | 3,288,672   | 23.5 | 125,200                 | 38.1  | 2,291,045 | 16.4 | 610,000                  | 4.3  |
| 1947  | 143,446,000 | 3,699,940   | 25.8 | 131,900                 | 35.7  | 1,991,878 | 13.9 | 483,000                  | 3.4  |
| 1948  | 146,093,000 | 3,535,068   | 24.2 | 129,700                 | 36.7  | 1,811,155 | 12.4 | 408,000                  | 2.8  |
| 1949  | 148,665,000 | 3,559,529   | 23.9 | 133,200                 | 37.4  | 1,579,798 | 10.6 | 397,000                  | 2.7  |
| 1950  | 150,697,361 | 3,554,149   | 23.6 | 141,600                 | 39.8  | 1,667,231 | 11.1 | 385,144                  | 2.6  |
| 1951  | 153,310,000 | 3,750,850   | 24.5 | 146,500                 | 39.1  | 1,594,694 | 10.4 | 381,000                  | 2.5  |
| 1952  | 155,687,000 | 3,846,986   | 24.7 | 150,300                 | 39.1  | 1,539,318 | 9.9  | 392,000                  | 2.5  |
| 1953  | 158,242,000 | 3,902,120   | 24.7 | 160,800                 | 41.2  | 1,546,000 | 9.8  | 390,000                  | 2.5  |
| 1954  | 161,164,000 | 4,017,362   | 24.9 | 176,600                 | 44.0  | 1,490,000 | 9.2  | 379,000                  | 2.4  |
| 1955  | 164,308,000 | 4,047,295   | 24.6 | 183,300                 | 45.3  | 1,531,000 | 9.3  | 377,000                  | 2.3  |
| 1956  | 167,306,000 | 4,163,090   | 24.9 | 193,500                 | 46.5  | 1,585,000 | 9.5  | 382,000                  | 2.3  |
| 1957  | 170,371,000 | 4,254,784   | 25.0 | 201,700                 | 47.4  | 1,518,000 | 8.9  | 381,000                  | 2.2  |
| 1958  | 173,320,000 | 4,203,812   | 24.3 | 208,700                 | 49.6  | 1,451,000 | 8.4  | 368,000                  | 2.1  |
| 1959  | 176,513,000 | 4,244,796   | 24.0 | 220,600                 | 52.0  | 1,494,000 | 8.5  | 395,000                  | 2.2  |
| 1960  | 179,323,175 | 4,257,850   | 23.7 | 224,300                 | 52.7  | 1,523,000 | 8.5  | 393,000                  | 2.2  |
| 1961  | 183,057,000 | 4,268,326   | 23.3 | 240,200                 | 56.3  | 1,548,000 | 8.5  | 414,000                  | 2.3  |
| 1962  | 185,890,000 | 4,167,362   | 22.4 | 245,000                 | 58.8  | 1,577,000 | 8.5  | 413,000                  | 2.2  |
| 1963  | 188,658,000 | 4,098,020   | 21.7 | 259,400                 | 63.3  | 1,654,000 | 8.8  | 428,000                  | 2.3  |
| 1964  | 191,371,000 | 4,027,490   | 21.0 | 275,700                 | 68.5  | 1,725,000 | 9.0  | 450,000                  | 2.4  |
| 1965  | 193,818,000 | 3,760,358   | 19.4 | 291,200                 | 77.4  | 1,800,000 | 9.3  | 479,000                  | 2.5  |
| 1966  | 195,857,000 | 3,606,274   | 18.4 | 302,400                 | 83.9  | 1,857,000 | 9.5  | 499,000                  | 2.5  |
| 1967  | 197,863,000 | 3,520,959   | 17.8 | 318,100                 | 90.3  | 1,927,000 | 9.7  | 523,000                  | 2.6  |
| 1968  | 199,861,000 | 3,501,564   | 17.6 | 339,200                 | 96.9  | 2,069,000 | 10.4 | 584,000                  | 2.9  |
| 1969  | 201,921,000 | 3,600,206   | 17.9 | 360,800                 | 100.2 | 2,145,000 | 10.6 | 639,000                  | 3.2  |
| 1970  | 203,211,926 | 3,731,368   | 18.4 | 398,700                 | 106.9 | 2,158,802 | 10.6 | 708,000                  | 3.5  |
| 1971  | 206,212,000 | 3,555,970   | 17.2 | 401,400                 | 112.9 | 2,190,481 | 10.6 | 773,000                  | 3.7  |
| 1972  | 209,284,000 | 3,258,411   | 15.6 | 403,200                 | 123.7 | 2,282,154 | 10.9 | 845,000                  | 4.0  |
| 1973  | 211,357,000 | 3,136,965   | 14.8 | 407,300                 | 129.8 | 2,284,108 | 10.8 | 915,000                  | 4.3  |
| 1974  | 213,342,000 | 3,159,958   | 14.8 | 418,100                 | 132.3 | 2,229,667 | 10.5 | 977,000                  | 4.6  |
| 1975  | 215,465,000 | 3,144,198   | 14.6 | 447,900                 | 142.5 | 2,152,662 | 10.0 | 1,036,000                | 4.8  |
| 1976  | 217,563,000 | 3,167,788   | 14.6 | 468,100                 | 147.8 | 2,154,807 | 9.9  | 1,083,000                | 5.0  |
| 1977  | 219,760,000 | 3,326,632   | 15.1 | 515,700                 | 155.0 | 2,178,367 | 9.9  | 1,091,000                | 5.0  |
| 1978  | 222,095,000 | 3,333,279   | 15.0 | 543,900                 | 163.2 | 2,282,272 | 10.3 | 1,130,000                | 5.1  |
| 1979  | 224,567,000 | 3,494,398   | 15.6 | 597,800                 | 171.1 | 2,331,337 | 10.4 | 1,181,000                | 5.3  |
| 1980  | 226,504,825 | 3,122,258   | 15.9 | 665,747                 | 184.3 | 2,390,252 | 10.6 | 1,189,000                | 5.2  |
| 1981  | 230,339,000 | 3,629,238   | 15.8 | 686,605                 | 189.2 | 2,422,145 | 10.6 | 1,213,000                | 5.3  |
| 1982  | 231,500,000 | 3,680,537   | 15.9 | 715,277                 | 194.3 | 2,456,278 | 10.6 | 1,170,000                | 5.0  |
| 1983* | 234,538,000 | 3,638,933   | 15.5 | 737,893                 | 202.8 | 2,444,000 | 10.5 | 1,179,000                | 5.0  |
| 1984* | 236,681,000 | 3,697,000   | 15.7 | ---                     | ---   | 2,487,000 | 10.5 | 1,155,000                | 4.9  |

Rate per 1,000 population for live births, marriages and dissolution of marriage.

Ratio per 1,000 live births for births to unwed mothers.

\* Provisional data.

TABLE 2. DEATHS, MATERNAL DEATHS, INFANT DEATHS, NEONATAL DEATHS, FETAL DEATHS,  
U.S., 1945-1984

| YEAR  | DEATHS    |      | MATERNAL DEATHS |       | INFANT DEATHS |      | NEONATAL DEATHS |      | FETAL DEATHS |      |
|-------|-----------|------|-----------------|-------|---------------|------|-----------------|------|--------------|------|
|       | Number    | Rate | Number          | Rate  | Number        | Rate | Number          | Rate | Number       | Rate |
| 1945  | 1,401,719 | 10.6 | 5,668           | 207.2 | 104,684       | 38.3 | 66,593          | 24.3 | 65,513       | 23.9 |
| 1946  | 1,395,617 | 10.0 | 5,153           | 156.7 | 111,063       | 33.8 | 79,079          | 24.0 | 74,849       | 22.8 |
| 1947  | 1,445,370 | 10.1 | 4,978           | 134.5 | 119,173       | 32.2 | 84,296          | 22.8 | 77,917       | 21.1 |
| 1948  | 1,444,337 | 9.9  | 4,122           | 116.6 | 113,169       | 32.0 | 78,426          | 22.2 | 72,838       | 20.6 |
| 1949  | 1,443,607 | 9.7  | 3,216           | 90.3  | 111,531       | 31.3 | 76,326          | 21.4 | 70,584       | 19.8 |
| 1950  | 1,452,454 | 9.6  | 2,960           | 83.3  | 103,825       | 29.2 | 72,855          | 20.5 | 68,262       | 19.2 |
| 1951  | 1,482,099 | 9.7  | 2,812           | 75.0  | 106,702       | 28.4 | 75,192          | 20.0 | 70,569       | 18.8 |
| 1952  | 1,496,838 | 9.6  | 2,610           | 67.8  | 109,413       | 28.4 | 76,253          | 19.8 | 70,447       | 18.3 |
| 1953  | 1,517,541 | 9.6  | 2,385           | 61.1  | 108,405       | 27.8 | 76,332          | 19.6 | 69,393       | 17.8 |
| 1954  | 1,481,091 | 9.2  | 2,105           | 52.4  | 106,791       | 26.6 | 76,724          | 19.1 | 70,109       | 17.5 |
| 1955  | 1,528,717 | 9.3  | 1,901           | 47.0  | 106,903       | 26.4 | 77,351          | 19.1 | 69,153       | 17.1 |
| 1956  | 1,564,476 | 9.4  | 1,702           | 40.9  | 108,183       | 26.0 | 78,659          | 18.9 | 68,659       | 16.5 |
| 1957  | 1,633,128 | 9.6  | 1,746           | 41.0  | 112,094       | 26.3 | 81,088          | 19.1 | 69,561       | 16.3 |
| 1958  | 1,647,886 | 9.5  | 1,581           | 37.6  | 113,789       | 27.1 | 81,798          | 19.5 | 69,355       | 16.5 |
| 1959  | 1,656,814 | 9.4  | 1,588           | 37.4  | 112,008       | 26.4 | 80,778          | 19.0 | 68,613       | 16.2 |
| 1960  | 1,711,982 | 9.5  | 1,579           | 37.1  | 110,873       | 26.0 | 79,733          | 18.7 | 68,480       | 16.1 |
| 1961  | 1,701,522 | 9.3  | 1,573           | 36.9  | 107,956       | 25.3 | 78,482          | 18.4 | 68,767       | 16.1 |
| 1962  | 1,756,720 | 9.5  | 1,465           | 35.2  | 105,479       | 25.3 | 76,346          | 18.3 | 66,421       | 15.9 |
| 1963  | 1,813,549 | 9.6  | 1,466           | 35.8  | 103,390       | 25.2 | 74,648          | 18.2 | 64,640       | 15.8 |
| 1964  | 1,798,051 | 9.4  | 1,343           | 33.3  | 99,783        | 24.8 | 72,026          | 17.9 | 65,931       | 16.4 |
| 1965  | 1,828,136 | 9.4  | 1,189           | 31.6  | 92,866        | 24.7 | 66,419          | 17.7 | 60,859       | 16.2 |
| 1966  | 1,863,149 | 9.5  | 1,049           | 29.1  | 85,516        | 23.7 | 61,941          | 17.2 | 56,637       | 15.7 |
| 1967  | 1,851,323 | 9.4  | 987             | 28.0  | 79,028        | 22.4 | 58,127          | 16.5 | 54,934       | 15.6 |
| 1968  | 1,930,082 | 9.7  | 859             | 24.5  | 76,263        | 21.8 | 56,456          | 16.1 | 55,293       | 15.8 |
| 1969  | 1,921,990 | 9.5  | 801             | 22.2  | 75,073        | 20.9 | 56,085          | 15.6 | 50,749       | 14.1 |
| 1970  | 1,921,031 | 9.5  | 803             | 21.5  | 74,667        | 20.0 | 56,279          | 15.1 | 52,961       | 14.2 |
| 1971  | 1,927,542 | 9.3  | 668             | 18.8  | 67,981        | 19.1 | 50,496          | 14.2 | 47,818       | 13.4 |
| 1972  | 1,963,944 | 9.4  | 612             | 18.8  | 60,182        | 18.5 | 44,432          | 13.6 | 41,380       | 12.7 |
| 1973  | 1,973,003 | 9.3  | 477             | 15.2  | 55,581        | 17.7 | 40,664          | 13.0 | 38,309       | 12.2 |
| 1974  | 1,934,388 | 9.1  | 462             | 14.6  | 52,776        | 16.7 | 38,738          | 12.3 | 36,281       | 11.5 |
| 1975  | 1,892,879 | 8.8  | 403             | 12.8  | 50,525        | 16.1 | 36,416          | 11.6 | 33,796       | 10.7 |
| 1976  | 1,909,440 | 8.8  | 390             | 12.3  | 48,265        | 15.2 | 34,587          | 10.9 | 33,111       | 10.8 |
| 1977  | 1,899,597 | 8.6  | 373             | 11.2  | 46,975        | 14.1 | 32,860          | 9.9  | 33,052       | 9.9  |
| 1978  | 1,927,788 | 8.7  | 321             | 9.6   | 45,945        | 13.8 | 31,618          | 9.5  | 32,301       | 9.7  |
| 1979  | 1,913,841 | 8.5  | 336             | 9.6   | 45,665        | 13.1 | 30,980          | 8.9  | 32,969       | 9.4  |
| 1980  | 1,989,841 | 8.8  | 334             | 9.2   | 45,526        | 12.6 | 30,618          | 8.5  | 33,353*      | 9.2* |
| 1981  | 1,977,981 | 8.6  | 309             | 8.5   | 43,305        | 11.9 | 28,000          | 7.8  | 32,596*      | 9.0* |
| 1982  | 1,974,797 | 8.5  | 292             | 7.9   | 42,401        | 11.5 | 28,000          | 7.6  | 32,694*      | 8.9* |
| 1983* | 2,019,201 | 8.6  | 290             | 8.0   | 40,627        | 10.9 | 26,507          | 7.3  | 30,752*      | 8.5* |
| 1984* | 2,047,000 | 8.7  | 220             | 6.0   | 39,200        | 10.6 | ---             | ---  | ---          | ---  |

Rate per 1,000 population for deaths.

Rate per 1,000 live births for infant, neonatal and fetal deaths.

Rate per 100,000 live births for maternal deaths.

\* Provisional data.

TABLE 3. POPULATION, LIVE BIRTHS, BIRTHS TO UNWED MOTHERS, MARRIAGES, DISSOLUTION OF MARRIAGES, OREGON, 1908-1984

| YEAR | POPULATION | LIVE BIRTHS |      | BIRTHS TO UNWED MOTHERS |       | MARRIAGES |      | DISSOLUTION OF MARRIAGES |      |
|------|------------|-------------|------|-------------------------|-------|-----------|------|--------------------------|------|
|      |            | Number      | Rate | Number                  | Ratio | Number    | Rate | Number                   | Rate |
| 1908 | 621,109    | 8,322       | 13.3 | ---                     | ---   | ---       | ---  | ---                      | ---  |
| 1909 | 647,055    | 8,656       | 13.3 | ---                     | ---   | 4,863     | 7.5  | ---                      | ---  |
| 1910 | 673,002    | 9,176       | 13.6 | ---                     | ---   | 5,541     | 8.2  | ---                      | ---  |
| 1911 | 684,847    | 9,562       | 13.8 | ---                     | ---   | 6,846     | 9.9  | ---                      | ---  |
| 1912 | 696,692    | 11,189      | 16.0 | ---                     | ---   | 6,613     | 9.4  | ---                      | ---  |
| 1913 | 708,537    | 11,033      | 15.5 | ---                     | ---   | 5,382     | 7.5  | ---                      | ---  |
| 1914 | 720,382    | 11,624      | 16.1 | ---                     | ---   | 5,170     | 7.1  | ---                      | ---  |
| 1915 | 732,226    | 12,232      | 16.7 | ---                     | ---   | 4,983     | 6.8  | ---                      | ---  |
| 1916 | 744,071    | 12,960      | 17.4 | ---                     | ---   | 5,396     | 7.2  | ---                      | ---  |
| 1917 | 755,916    | 13,147      | 17.4 | ---                     | ---   | 6,196     | 8.2  | ---                      | ---  |
| 1918 | 767,761    | 13,295      | 17.3 | ---                     | ---   | 5,281     | 6.9  | ---                      | ---  |
| 1919 | 779,606    | 13,638      | 17.5 | ---                     | ---   | 6,605     | 8.5  | ---                      | ---  |
| 1920 | 791,701    | 14,954      | 18.8 | ---                     | ---   | 7,557     | 9.5  | ---                      | ---  |
| 1921 | 808,325    | 15,607      | 19.3 | ---                     | ---   | 7,643     | 9.4  | ---                      | ---  |
| 1922 | 824,949    | 15,087      | 18.3 | ---                     | ---   | 6,691     | 8.1  | ---                      | ---  |
| 1923 | 841,573    | 14,992      | 17.8 | ---                     | ---   | 7,151     | 8.4  | ---                      | ---  |
| 1924 | 858,197    | 15,818      | 18.4 | ---                     | ---   | 6,937     | 8.1  | ---                      | ---  |
| 1925 | 874,800    | 15,579      | 17.8 | ---                     | ---   | 6,999     | 8.0  | ---                      | ---  |
| 1926 | 891,400    | 14,929      | 16.7 | ---                     | ---   | 7,160     | 8.0  | 3,128                    | 3.5  |
| 1927 | 908,100    | 14,637      | 16.1 | ---                     | ---   | 7,392     | 8.1  | 3,149                    | 3.5  |
| 1928 | 924,700    | 14,159      | 15.3 | ---                     | ---   | 7,625     | 8.2  | 3,090                    | 3.3  |
| 1929 | 941,300    | 13,244      | 14.1 | ---                     | ---   | 8,243     | 8.7  | 3,197                    | 3.4  |
| 1930 | 958,450    | 13,473      | 14.1 | ---                     | ---   | 7,678     | 8.0  | 2,825                    | 2.9  |
| 1931 | 967,200    | 13,227      | 13.7 | ---                     | ---   | 7,346     | 7.6  | 2,417                    | 2.5  |
| 1932 | 980,600    | 12,845      | 13.1 | ---                     | ---   | 6,668     | 6.8  | 1,728                    | 1.8  |
| 1933 | 994,000    | 12,228      | 12.3 | ---                     | ---   | 5,715     | 5.7  | 1,844                    | 1.9  |
| 1934 | 1,007,400  | 13,071      | 13.0 | ---                     | ---   | 6,237     | 6.2  | 2,248                    | 2.2  |
| 1935 | 1,020,800  | 13,143      | 12.9 | ---                     | ---   | 6,795     | 6.7  | 2,304                    | 2.3  |
| 1936 | 1,034,100  | 14,119      | 13.7 | ---                     | ---   | 7,433     | 7.2  | 2,578                    | 2.5  |
| 1937 | 1,047,500  | 15,495      | 14.8 | ---                     | ---   | 7,602     | 7.3  | 2,718                    | 2.6  |
| 1938 | 1,061,000  | 16,333      | 15.4 | ---                     | ---   | 6,734     | 6.3  | 3,162                    | 3.0  |
| 1939 | 1,074,000  | 16,727      | 15.6 | ---                     | ---   | 4,902     | 4.6  | 3,422                    | 3.2  |
| 1940 | 1,093,000  | 17,522      | 16.0 | 237                     | 13.5  | 5,998     | 5.5  | 3,543                    | 3.2  |
| 1941 | 1,107,000  | 18,784      | 17.0 | 229                     | 12.2  | 7,445     | 6.7  | 4,122                    | 3.7  |
| 1942 | 1,148,500  | 22,283      | 19.4 | 247                     | 11.1  | 8,768     | 7.6  | 4,725                    | 4.1  |
| 1943 | 1,167,200  | 25,380      | 21.7 | 328                     | 12.9  | 9,272     | 7.9  | 5,643                    | 4.8  |
| 1944 | 1,221,000  | 23,444      | 19.2 | 407                     | 17.4  | 8,675     | 7.1  | 6,619                    | 5.4  |

TABLE 3. POPULATION, LIVE BIRTHS, BIRTHS TO UNWED MOTHERS, MARRIAGES, DISSOLUTION OF MARRIAGES, OREGON, 1908-1984, Continued

| YEAR | POPULATION | LIVE BIRTHS |      | BIRTHS TO UNWED MOTHERS |       | MARRIAGES |      | DISSOLUTION OF MARRIAGES |      |
|------|------------|-------------|------|-------------------------|-------|-----------|------|--------------------------|------|
|      |            | Number      | Rate | Number                  | Ratio | Number    | Rate | Number                   | Rate |
| 1945 | 1,227,200  | 23,339      | 19.0 | 504                     | 21.6  | 9,764     | 8.0  | 7,949                    | 6.5  |
| 1946 | 1,347,900  | 29,566      | 21.9 | 517                     | 17.5  | 14,674    | 10.9 | 10,241                   | 7.6  |
| 1947 | 1,423,300  | 36,190      | 25.4 | 608                     | 16.8  | 12,881    | 9.1  | 6,707                    | 4.7  |
| 1948 | 1,470,800  | 34,937      | 23.8 | 575                     | 16.5  | 12,373    | 8.4  | 6,405                    | 4.4  |
| 1949 | 1,511,200  | 35,062      | 23.2 | 502                     | 14.3  | 10,746    | 7.1  | 6,274                    | 4.2  |
| 1950 | 1,521,341  | 35,991      | 23.7 | 667                     | 18.5  | 11,300    | 7.4  | 5,943                    | 3.9  |
| 1951 | 1,568,000  | 37,317      | 23.8 | 623                     | 16.7  | 10,118    | 6.5  | 6,133                    | 3.9  |
| 1952 | 1,602,100  | 39,752      | 24.8 | 780                     | 19.6  | 9,998     | 6.2  | 6,311                    | 3.9  |
| 1953 | 1,636,800  | 39,866      | 24.4 | 772                     | 19.4  | 10,502    | 6.4  | 6,373                    | 3.9  |
| 1954 | 1,662,680  | 38,550      | 23.2 | 909                     | 23.6  | 9,557     | 5.8  | 6,130                    | 3.7  |
| 1955 | 1,690,840  | 38,678      | 22.9 | 880                     | 22.8  | 10,632    | 6.3  | 6,158                    | 3.6  |
| 1956 | 1,734,650  | 38,432      | 22.2 | 958                     | 24.9  | 10,568    | 6.1  | 5,827                    | 3.4  |
| 1957 | 1,737,470  | 37,828      | 21.8 | 1,088                   | 28.8  | 9,961     | 5.7  | 5,261                    | 3.0  |
| 1958 | 1,728,550  | 36,295      | 21.0 | 1,091                   | 30.1  | 9,896     | 5.7  | 5,452                    | 3.2  |
| 1959 | 1,777,000  | 36,634      | 20.6 | 1,217                   | 33.2  | 10,166    | 5.7  | 6,009                    | 3.4  |
| 1960 | 1,768,687  | 38,347      | 21.7 | 1,250                   | 32.6  | 10,590    | 6.0  | 5,711                    | 3.2  |
| 1961 | 1,816,345  | 37,475      | 20.6 | 1,433                   | 38.2  | 10,798    | 5.9  | 6,023                    | 3.3  |
| 1962 | 1,825,138  | 36,983      | 20.3 | 1,499                   | 40.5  | 11,122    | 6.1  | 6,074                    | 3.3  |
| 1963 | 1,856,190  | 34,863      | 18.8 | 1,708                   | 49.0  | 11,786    | 6.3  | 6,180                    | 3.3  |
| 1964 | 1,906,000  | 33,500      | 17.6 | 1,754                   | 52.4  | 12,297    | 6.5  | 6,486                    | 3.4  |
| 1965 | 1,972,150  | 32,955      | 16.7 | 2,094                   | 63.5  | 13,252    | 6.7  | 6,219                    | 3.2  |
| 1966 | 1,999,780  | 32,446      | 16.2 | 2,330                   | 71.8  | 13,981    | 7.0  | 6,764                    | 3.4  |
| 1967 | 2,006,360  | 31,446      | 15.7 | 2,478                   | 78.8  | 14,401    | 7.2  | 7,603                    | 3.8  |
| 1968 | 2,050,900  | 32,136      | 15.7 | 2,831                   | 88.1  | 16,125    | 7.9  | 8,258                    | 4.0  |
| 1969 | 2,081,640  | 33,834      | 16.3 | 3,000                   | 88.7  | 16,874    | 8.1  | 8,643                    | 4.2  |
| 1970 | 2,091,385  | 35,353      | 16.9 | 2,912                   | 82.4  | 17,302    | 8.3  | 9,583                    | 4.6  |
| 1971 | 2,143,010  | 33,344      | 15.6 | 2,603                   | 78.1  | 18,100    | 8.4  | 10,687                   | 5.0  |
| 1972 | 2,183,270  | 31,308      | 14.3 | 2,552                   | 81.5  | 19,265    | 8.8  | 11,706                   | 5.4  |
| 1973 | 2,224,900  | 30,902      | 13.9 | 2,599                   | 84.1  | 19,661    | 8.8  | 12,382                   | 5.6  |
| 1974 | 2,266,000  | 32,506      | 14.3 | 2,984                   | 91.8  | 20,002    | 8.8  | 13,538                   | 6.0  |
| 1975 | 2,299,000  | 33,352      | 14.5 | 3,382                   | 101.4 | 19,322    | 8.4  | 15,526                   | 6.8  |
| 1976 | 2,341,750  | 34,840      | 14.9 | 3,825                   | 109.8 | 19,182    | 8.2  | 16,070                   | 6.9  |
| 1977 | 2,396,100  | 37,467      | 15.6 | 4,596                   | 122.7 | 20,303    | 8.5  | 16,372                   | 6.8  |
| 1978 | 2,472,000  | 38,964      | 15.8 | 5,279                   | 135.5 | 21,055    | 8.5  | 16,965                   | 6.9  |
| 1979 | 2,544,000  | 41,564      | 16.3 | 5,599                   | 134.7 | 22,063    | 8.7  | 17,584                   | 6.9  |
| 1980 | 2,633,105  | 43,091      | 16.4 | 6,360                   | 147.6 | 23,004    | 8.7  | 17,762                   | 6.7  |
| 1981 | 2,660,435  | 42,974      | 16.2 | 6,384                   | 148.6 | 22,904    | 8.6  | 17,697                   | 6.7  |
| 1982 | 2,656,185  | 41,012      | 15.4 | 6,484                   | 158.1 | 24,186    | 9.1  | 16,792                   | 6.3  |
| 1983 | 2,634,993  | 39,949      | 15.2 | 6,467                   | 161.0 | 23,346    | 8.9  | 16,173                   | 6.1  |
| 1984 | 2,660,000  | 39,536      | 14.9 | 6,861                   | 173.5 | 23,074    | 8.7  | 15,631                   | 5.9  |

Rate per 1,000 population for live births, marriages and dissolution of marriage.  
Ratio per 1,000 live births for births to unwed mothers.



TABLE 4. DEATHS, MATERNAL DEATHS, INFANT DEATHS, NEONATAL DEATHS, FETAL DEATHS  
OREGON, 1908-1984

| YEAR | DEATHS |      | MATERNAL DEATHS |       | INFANT DEATHS |      | NEONATAL DEATHS |      | FETAL DEATHS |      |
|------|--------|------|-----------------|-------|---------------|------|-----------------|------|--------------|------|
|      | Number | Rate | Number          | Rate  | Number        | Rate | Number          | Rate | Number       | Rate |
| 1908 | 4,970  | 8.0  | 59              | 709.0 | 676           | 81.2 | ---             | ---  | ---          | ---  |
| 1909 | 5,470  | 8.4  | 70              | 808.7 | 756           | 80.7 | ---             | ---  | ---          | ---  |
| 1910 | 6,089  | 9.0  | 91              | 991.7 | 733           | 79.9 | ---             | ---  | ---          | ---  |
| 1911 | 6,360  | 9.2  | 91              | 951.7 | 753           | 78.7 | ---             | ---  | ---          | ---  |
| 1912 | 5,898  | 8.4  | 63              | 563.1 | 653           | 58.6 | ---             | ---  | ---          | ---  |
| 1913 | 6,714  | 9.4  | 60              | 543.8 | 684           | 61.9 | ---             | ---  | ---          | ---  |
| 1914 | 6,446  | 8.9  | 72              | 619.4 | 577           | 49.6 | ---             | ---  | ---          | ---  |
| 1915 | 6,718  | 9.1  | 74              | 605.0 | 583           | 47.6 | ---             | ---  | ---          | ---  |
| 1916 | 7,107  | 9.5  | 88              | 679.0 | 725           | 55.9 | ---             | ---  | ---          | ---  |
| 1917 | 7,349  | 9.7  | 87              | 661.7 | 837           | 63.6 | ---             | ---  | ---          | ---  |
| 1918 | 9,842  | 12.8 | 106             | 797.3 | 907           | 68.2 | ---             | ---  | ---          | ---  |
| 1919 | 8,881  | 11.4 | 101             | 740.6 | 845           | 61.9 | ---             | ---  | ---          | ---  |
| 1920 | 9,186  | 11.6 | 112             | 749.0 | 927           | 61.9 | ---             | ---  | ---          | ---  |
| 1921 | 8,324  | 10.2 | 117             | 749.7 | 791           | 50.6 | ---             | ---  | ---          | ---  |
| 1922 | 9,381  | 11.3 | 115             | 762.2 | 886           | 58.7 | ---             | ---  | ---          | ---  |
| 1923 | 8,983  | 10.6 | 103             | 687.0 | 853           | 56.9 | ---             | ---  | ---          | ---  |
| 1924 | 9,511  | 11.1 | 94              | 594.3 | 834           | 52.7 | ---             | ---  | ---          | ---  |
| 1925 | 9,596  | 10.9 | 95              | 609.8 | 787           | 50.5 | ---             | ---  | ---          | ---  |
| 1926 | 9,885  | 11.1 | 85              | 569.4 | 769           | 51.5 | ---             | ---  | ---          | ---  |
| 1927 | 10,222 | 11.2 | 91              | 621.7 | 693           | 47.3 | ---             | ---  | ---          | ---  |
| 1928 | 10,493 | 11.3 | 86              | 607.4 | 651           | 46.0 | ---             | ---  | 410          | 29.0 |
| 1929 | 10,680 | 11.3 | 75              | 566.3 | 633           | 47.7 | ---             | ---  | 415          | 31.4 |
| 1930 | 10,544 | 11.0 | 81              | 601.2 | 671           | 49.8 | ---             | ---  | 390          | 28.9 |
| 1931 | 10,245 | 10.6 | 61              | 461.2 | 578           | 43.7 | ---             | ---  | 360          | 27.2 |
| 1932 | 10,272 | 10.5 | 64              | 498.2 | 530           | 41.3 | ---             | ---  | 322          | 25.1 |
| 1933 | 10,450 | 10.5 | 64              | 523.4 | 493           | 40.3 | ---             | ---  | 329          | 26.9 |
| 1934 | 10,539 | 10.5 | 79              | 604.4 | 519           | 39.7 | ---             | ---  | 320          | 24.5 |
| 1935 | 11,429 | 11.2 | 72              | 547.8 | 537           | 40.8 | ---             | ---  | 300          | 22.8 |
| 1936 | 12,434 | 12.0 | 77              | 545.4 | 626           | 44.3 | 409             | 29.0 | 300          | 21.5 |
| 1937 | 12,369 | 11.8 | 56              | 361.4 | 649           | 41.9 | 415             | 26.8 | 340          | 22.4 |
| 1938 | 11,777 | 11.1 | 53              | 324.5 | 631           | 38.6 | 418             | 25.6 | 353          | 21.6 |
| 1939 | 11,779 | 11.0 | 43              | 257.1 | 580           | 34.7 | 381             | 22.8 | 322          | 19.3 |
| 1940 | 12,329 | 11.3 | 45              | 256.8 | 592           | 33.2 | 413             | 23.6 | 365          | 20.8 |
| 1941 | 12,123 | 10.9 | 43              | 228.9 | 589           | 30.7 | 397             | 20.9 | 333          | 17.7 |
| 1942 | 12,520 | 10.9 | 37              | 166.0 | 669           | 30.0 | 456             | 20.4 | 362          | 16.2 |
| 1943 | 13,440 | 11.5 | 37              | 145.8 | 776           | 30.6 | 466             | 18.4 | ---          | ---  |
| 1944 | 12,580 | 10.3 | 41              | 147.9 | 706           | 30.1 | 504             | 21.5 | 454          | 19.4 |

Rate per 1,000 population for deaths.

Rate per 1,000 live births for infant, neonatal and fetal deaths.

Rate per 100,000 live births for maternal deaths.



TABLE 4. DEATHS, MATERNAL DEATHS, INFANT DEATHS, NEONATAL DEATHS, FETAL DEATHS  
OREGON, 1908-1984, Continued

| YEAR | DEATHS |      | MATERNAL DEATHS |       | INFANT DEATHS |      | NEONATAL DEATHS |      | FETAL DEATHS |      |
|------|--------|------|-----------------|-------|---------------|------|-----------------|------|--------------|------|
|      | Number | Rate | Number          | Rate  | Number        | Rate | Number          | Rate | Number       | Rate |
| 1945 | 12,325 | 10.0 | 29              | 124.3 | 660           | 28.3 | 473             | 20.3 | 402          | 17.2 |
| 1946 | 12,828 | 9.5  | 28              | 94.7  | 803           | 27.2 | 594             | 20.1 | 515          | 17.4 |
| 1947 | 13,460 | 9.5  | 35              | 96.7  | 896           | 24.8 | 645             | 17.8 | 562          | 15.5 |
| 1948 | 13,872 | 9.4  | 15              | 42.9  | 892           | 25.5 | 671             | 19.2 | 508          | 14.5 |
| 1949 | 13,698 | 9.1  | 20              | 57.0  | 862           | 24.6 | 661             | 18.9 | 488          | 13.9 |
| 1950 | 13,888 | 9.1  | 22              | 61.1  | 816           | 22.7 | 627             | 17.4 | 493          | 13.7 |
| 1951 | 14,489 | 9.2  | 5               | 13.4  | 883           | 23.7 | 637             | 17.1 | 498          | 13.3 |
| 1952 | 14,438 | 9.0  | 11              | 27.7  | 951           | 23.9 | 696             | 17.5 | 500          | 12.6 |
| 1953 | 14,598 | 8.9  | 15              | 37.6  | 938           | 23.5 | 680             | 17.1 | 524          | 13.1 |
| 1954 | 14,665 | 8.8  | 9               | 23.3  | 868           | 22.5 | 632             | 16.4 | 512          | 13.3 |
| 1955 | 15,303 | 9.1  | 8               | 20.7  | 934           | 24.1 | 681             | 17.6 | 497          | 12.8 |
| 1956 | 15,328 | 8.8  | 11              | 28.6  | 887           | 23.1 | 645             | 16.8 | 504          | 13.1 |
| 1957 | 15,635 | 9.0  | 8               | 21.1  | 828           | 21.9 | 587             | 15.5 | 499          | 13.2 |
| 1958 | 15,449 | 8.9  | 6               | 16.5  | 844           | 23.3 | 597             | 16.4 | 448          | 12.3 |
| 1959 | 16,699 | 9.4  | 9               | 24.6  | 927           | 25.3 | 664             | 18.1 | 469          | 12.8 |
| 1960 | 16,787 | 9.5  | 14              | 36.5  | 891           | 23.2 | 635             | 16.6 | 493          | 12.9 |
| 1961 | 16,885 | 9.3  | 8               | 21.3  | 861           | 23.0 | 604             | 16.1 | 454          | 16.1 |
| 1962 | 17,221 | 9.4  | 7               | 18.9  | 811           | 21.9 | 554             | 15.0 | 461          | 12.5 |
| 1963 | 18,017 | 9.7  | 7               | 20.1  | 747           | 21.4 | 551             | 15.8 | 410          | 11.8 |
| 1964 | 18,138 | 9.5  | 4               | 11.9  | 754           | 22.5 | 532             | 15.9 | 402          | 12.0 |
| 1965 | 18,133 | 9.2  | 1               | 3.0   | 696           | 21.1 | 477             | 14.5 | 421          | 12.8 |
| 1966 | 18,979 | 9.5  | 3               | 9.2   | 697           | 21.5 | 506             | 15.6 | 387          | 11.9 |
| 1967 | 18,908 | 9.4  | 4               | 12.7  | 616           | 19.6 | 436             | 13.9 | 395          | 12.6 |
| 1968 | 19,017 | 9.3  | 3               | 9.3   | 637           | 19.8 | 460             | 14.3 | 365          | 11.4 |
| 1969 | 19,548 | 9.4  | 4               | 11.8  | 592           | 17.5 | 410             | 12.1 | 194          | 1/   |
| 1970 | 19,530 | 9.3  | 5               | 14.1  | 555           | 15.7 | 381             | 10.8 | 486          | 13.7 |
| 1971 | 20,087 | 9.4  | 5               | 15.0  | 615           | 18.4 | 416             | 12.5 | 408          | 12.2 |
| 1972 | 20,216 | 9.3  | 5               | 16.0  | 528           | 16.9 | 359             | 11.5 | 391          | 12.5 |
| 1973 | 20,881 | 9.4  | 1               | 3.2   | 466           | 15.1 | 329             | 10.6 | 312          | 10.1 |
| 1974 | 20,320 | 9.0  | 3               | 9.2   | 488           | 15.0 | 330             | 10.2 | 266          | 8.2  |
| 1975 | 20,142 | 8.8  | 3               | 9.0   | 502           | 15.1 | 330             | 9.9  | 284          | 8.5  |
| 1976 | 20,459 | 8.7  | -               | -     | 444           | 12.7 | 277             | 8.0  | 280          | 8.0  |
| 1977 | 20,457 | 8.5  | 5               | 13.3  | 453           | 12.1 | 293             | 7.8  | 283          | 7.6  |
| 1978 | 20,870 | 8.4  | 2               | 5.1   | 502           | 12.9 | 299             | 7.7  | 302          | 7.8  |
| 1979 | 21,024 | 8.3  | 1               | 2.4   | 450           | 10.8 | 276             | 6.6  | 307          | 7.4  |
| 1980 | 21,756 | 8.3  | 1               | 2.3   | 521           | 12.1 | 303             | 7.0  | 294          | 6.8  |
| 1981 | 21,798 | 8.2  | 3               | 7.0   | 466           | 10.8 | 299             | 7.0  | 298          | 6.9  |
| 1982 | 21,594 | 8.1  | 8               | 19.5  | 433           | 10.6 | 253             | 6.2  | 253          | 6.2  |
| 1983 | 22,361 | 8.5  | 6               | 15.0  | 385           | 9.6  | 215             | 5.4  | 268          | 6.7  |
| 1984 | 23,101 | 8.7  | 5               | 12.6  | 388           | 9.8  | 190             | 4.8  | 257          | 6.5  |

1/ Incomplete total.

TABLE 5. POPULATION, LIVE BIRTHS, BIRTHS TO UNWED MOTHERS BY COUNTY OF RESIDENCE.  
MARRIAGES, DISSOLUTION OF MARRIAGES, BY COUNTY OF OCCURRENCE, OREGON, 1984

| COUNTY OF<br>RESIDENCE | ESTIMATED<br>POPULATION<br>7/1/84 | LIVE BIRTHS |      | BIRTHS TO<br>UNWED MOTHERS |       | MARRIAGES |      | DISSOLUTION<br>OF MARRIAGES |      |
|------------------------|-----------------------------------|-------------|------|----------------------------|-------|-----------|------|-----------------------------|------|
|                        |                                   | Number      | Rate | Number                     | Ratio | Number    | Rate | Number                      | Rate |
| TOTAL                  | 2,660,000                         | 39,536      | 14.9 | 6,861                      | 173.5 | 23,074    | 8.7  | 15,631                      | 5.9  |
| Baker                  | 16,000                            | 222         | 13.9 | 34                         | 153.2 | 128       | 8.0  | 98                          | 6.1  |
| Benton                 | 68,500                            | 871         | 12.7 | 83                         | 95.3  | 524       | 7.6  | 302                         | 4.4  |
| Clackamas              | 246,300                           | 3,184       | 12.9 | 421                        | 132.2 | 1,939     | 7.9  | 1,120                       | 4.5  |
| Clatsop                | 32,900                            | 438         | 13.3 | 67                         | 153.0 | 320       | 9.7  | 171                         | 5.2  |
| Columbia               | 36,200                            | 505         | 14.0 | 72                         | 142.6 | 275       | 7.6  | 460                         | 12.7 |
| Coos                   | 61,000                            | 901         | 14.8 | 185                        | 205.3 | 572       | 9.4  | 378                         | 6.2  |
| Crook                  | 13,000                            | 208         | 16.0 | 21                         | 101.0 | 144       | 11.1 | 112                         | 8.6  |
| Curry                  | 17,100                            | 181         | 10.6 | 27                         | 149.2 | 171       | 10.0 | 103                         | 6.0  |
| Deschutes              | 64,000                            | 1,006       | 15.7 | 132                        | 131.2 | 583       | 9.1  | 408                         | 6.4  |
| Douglas                | 91,400                            | 1,383       | 15.1 | 253                        | 182.9 | 948       | 10.4 | 626                         | 6.8  |
| Gilliam                | 1,950                             | 37          | 19.0 | 3                          | 81.1  | 16        | 8.2  | 4                           | 2.0  |
| Grant                  | 8,050                             | 115         | 14.3 | 5                          | 43.5  | 74        | 9.2  | 60                          | 7.5  |
| Harney                 | 7,250                             | 99          | 13.7 | 11                         | 111.1 | 62        | 8.6  | 36                          | 5.0  |
| Hood River             | 16,400                            | 250         | 15.2 | 26                         | 104.0 | 202       | 12.3 | 302                         | 18.4 |
| Jackson                | 135,100                           | 1,934       | 14.3 | 346                        | 178.9 | 1,297     | 9.6  | 981                         | 7.3  |
| Jefferson              | 12,200                            | 241         | 19.8 | 70                         | 290.5 | 126       | 10.3 | 62                          | 5.1  |
| Josephine              | 60,300                            | 803         | 13.3 | 175                        | 217.9 | 549       | 9.1  | 470                         | 7.8  |
| Klamath                | 58,200                            | 912         | 15.7 | 163                        | 178.7 | 459       | 7.9  | 398                         | 6.8  |
| Lake                   | 7,600                             | 123         | 16.2 | 13                         | 105.7 | 61        | 8.0  | 40                          | 5.3  |
| Lane                   | 268,500                           | 3,888       | 14.5 | 717                        | 184.4 | 2,354     | 8.8  | 1,825                       | 6.8  |
| Lincoln                | 37,300                            | 488         | 13.1 | 91                         | 186.5 | 414       | 11.1 | 203                         | 5.4  |
| Linn                   | 89,900                            | 1,380       | 15.4 | 245                        | 177.5 | 794       | 8.8  | 493                         | 5.5  |
| Malheur                | 27,800                            | 493         | 17.7 | 63                         | 127.8 | 199       | 7.2  | 123                         | 4.4  |
| Marion                 | 210,000                           | 3,275       | 15.6 | 595                        | 181.7 | 1,995     | 9.5  | 940                         | 4.5  |
| Morrow                 | 7,500                             | 142         | 18.9 | 17                         | 119.7 | 63        | 8.4  | 39                          | 8.7  |
| Multnomah              | 562,300                           | 8,467       | 15.1 | 1,937                      | 228.8 | 5,117     | 9.1  | 3,107                       | 5.5  |
| Polk                   | 45,000                            | 645         | 14.3 | 101                        | 156.6 | 279       | 6.2  | 489                         | 10.9 |
| Sherman                | 2,200                             | 27          | 12.3 | 2                          | 74.1  | 9         | 4.1  | 3                           | 1.4  |
| Tillamook              | 22,000                            | 264         | 12.0 | 39                         | 147.7 | 210       | 9.5  | 206                         | 9.4  |
| Umatilla               | 60,600                            | 1,073       | 17.7 | 202                        | 188.3 | 498       | 8.2  | 319                         | 5.3  |
| Union                  | 24,800                            | 381         | 15.4 | 52                         | 136.5 | 208       | 8.4  | 103                         | 4.2  |
| Wallowa                | 7,550                             | 101         | 13.4 | 12                         | 118.8 | 69        | 9.1  | 22                          | 2.9  |
| Wasco                  | 22,500                            | 350         | 15.6 | 62                         | 177.1 | 193       | 8.6  | 146                         | 6.5  |
| Washington             | 260,200                           | 4,177       | 16.1 | 469                        | 112.3 | 1,760     | 6.8  | 1,165                       | 4.8  |
| Wheeler                | 1,400                             | 15          | 10.7 | 1                          | 66.7  | 5         | 3.6  | 8                           | 5.7  |
| Yamhill                | 57,000                            | 957         | 16.8 | 149                        | 155.7 | 457       | 8.0  | 309                         | 5.4  |

Rate per 1,000 population for live births, marriages and dissolution of marriage.  
Rate per 1,000 live births for births to unwed mothers.

TABLE 6. DEATHS, INFANT DEATHS, NEONATAL DEATHS, FETAL DEATHS, BY COUNTY OF RESIDENCE, OREGON, 1984

| COUNTY OF RESIDENCE | DEATHS |      | INFANT DEATHS |      | NEONATAL DEATHS |      | FETAL DEATHS |      |
|---------------------|--------|------|---------------|------|-----------------|------|--------------|------|
|                     | Number | Rate | Number        | Rate | Number          | Rate | Number       | Rate |
| TOTAL               | 23,101 | 8.7  | 388           | 9.8  | 190             | 4.8  | 257          | 6.5  |
| Baker               | 163    | 10.2 | 2             | 9.0  | 1               | 4.5  | 5            | 2.3  |
| Benton              | 354    | 5.2  | 5             | 5.7  | 1               | 1.1  | 7            | 8.0  |
| Clackamas           | 1,861  | 7.6  | 37            | 11.6 | 16              | 5.0  | 17           | 5.3  |
| Clatsop             | 327    | 9.9  | 3             | 6.8  | -               | -    | 4            | 9.1  |
| Columbia            | 319    | 8.8  | 4             | 7.9  | 2               | 4.0  | 1            | 2.0  |
| Coos                | 622    | 10.2 | 4             | 4.4  | 1               | 1.1  | 10           | 11.1 |
| Crook               | 135    | 10.4 | 4             | 19.2 | 1               | 4.8  | 4            | 19.2 |
| Curry               | 180    | 10.4 | 3             | 16.6 | 2               | 11.0 | 1            | 5.5  |
| Deschutes           | 489    | 7.6  | 13            | 12.9 | 7               | 7.0  | 9            | 8.9  |
| Douglas             | 855    | 9.4  | 14            | 10.1 | 8               | 5.8  | 7            | 5.1  |
| Gilliam             | 18     | 9.2  | -             | -    | -               | -    | -            | -    |
| Grant               | 85     | 10.6 | -             | -    | -               | -    | 2            | 17.4 |
| Harney              | 55     | 7.6  | 1             | 10.1 | -               | -    | 1            | 10.1 |
| Hood River          | 143    | 8.7  | 1             | 4.0  | -               | -    | 2            | 8.0  |
| Jackson             | 1,172  | 8.7  | 14            | 7.2  | 6               | 3.1  | 7            | 3.6  |
| Jefferson           | 87     | 7.1  | 2             | 8.3  | 1               | 4.1  | -            | -    |
| Josephine           | 664    | 11.0 | 8             | 10.0 | 3               | 3.7  | 9            | 11.2 |
| Klamath             | 483    | 8.3  | 6             | 6.6  | 3               | 3.3  | 3            | 3.3  |
| Lake                | 64     | 8.4  | 2             | 16.3 | 1               | 8.1  | -            | -    |
| Lene                | 2,069  | 7.7  | 29            | 7.5  | 16              | 4.1  | 28           | 7.2  |
| Lincoln             | 428    | 11.5 | 5             | 10.2 | 2               | 4.1  | -            | -    |
| Linn                | 761    | 8.5  | 16            | 11.6 | 6               | 4.3  | 11           | 8.0  |
| Maiheur             | 236    | 8.5  | 12            | 24.3 | 3               | 6.1  | 4            | 8.1  |
| Marion              | 1,870  | 8.9  | 39            | 11.9 | 23              | 7.0  | 25           | 7.6  |
| Morrow              | 63     | 8.4  | -             | -    | -               | -    | 3            | 21.1 |
| Multnomah           | 5,737  | 10.2 | 99            | 11.7 | 55              | 6.5  | 35           | 4.1  |
| Polk                | 441    | 9.8  | 6             | 9.3  | 2               | 3.1  | 4            | 6.2  |
| Sherman             | 19     | 8.6  | 1             | 37.0 | 1               | 37.0 | 1            | 37.0 |
| Tillamook           | 239    | 10.9 | 1             | 3.8  | 1               | 3.8  | -            | -    |
| Umatilla            | 510    | 8.4  | 10            | 9.3  | 6               | 5.6  | 10           | 9.3  |
| Union               | 210    | 8.5  | 2             | 5.2  | 1               | 2.6  | 5            | 13.1 |
| Wallowa             | 66     | 8.7  | -             | -    | -               | -    | -            | -    |
| Wasco               | 256    | 11.4 | 5             | 14.3 | 4               | 11.4 | 1            | 2.9  |
| Washington          | 1,601  | 6.2  | 32            | 7.7  | 13              | 3.1  | 27           | 6.5  |
| Wheeler             | 14     | 10.0 | 1             | 66.7 | 1               | 66.7 | -            | -    |
| Yamhill             | 505    | 8.9  | 7             | 7.3  | 3               | 3.1  | 14           | 14.6 |

Rate per 1,000 population for deaths.

Rate per 1,000 live births for infant, neonatal and fetal deaths.

TABLE 7. POPULATION, BIRTHS AND DEATHS BY CITY OF RESIDENCE, OREGON, 1984

| CITY OF RESIDENCE                     | ESTIMATED<br>POPULATION<br>7/1/84 | BIRTHS |      | DEATHS |      |
|---------------------------------------|-----------------------------------|--------|------|--------|------|
|                                       |                                   | Number | Rate | Number | Rate |
| Albany (Linn, Benton)                 | 27,900                            | 535    | 19.2 | 262    | 9.4  |
| Ashland (Jackson)                     | 15,600                            | 201    | 12.9 | 110    | 7.1  |
| Beaverton (Washington)                | 33,450                            | 781    | 23.3 | 245    | 7.3  |
| Bend (Deschutes)                      | 18,270                            | 346    | 18.9 | 166    | 9.1  |
| Coos Bay (Coos)                       | 14,770                            | 254    | 17.2 | 176    | 11.9 |
| Corvallis (Benton)                    | 41,525                            | 534    | 12.9 | 212    | 5.1  |
| Eugene (Lane)                         | 103,400                           | 1,478  | 14.1 | 802    | 7.8  |
| Forest Grove (Washington)             | 11,700                            | 218    | 18.6 | 152    | 13.0 |
| Grants Pass (Josephine)               | 15,140                            | 302    | 19.9 | 239    | 15.8 |
| Gresham (Multnomah)                   | 36,370                            | 549    | 15.1 | 248    | 6.8  |
| Hillsboro (Washington)                | 29,750                            | 582    | 19.6 | 204    | 6.9  |
| Klamath Falls (Klamath)               | 17,430                            | 310    | 17.8 | 200    | 11.5 |
| LaGrande (Union)                      | 12,200                            | 190    | 15.6 | 122    | 10.0 |
| Lake Oswego (Mult.,<br>Clack., Wash.) | 23,500                            | 228    | 9.7  | 145    | 6.2  |
| Lebanon (Linn)                        | 10,380                            | 222    | 21.4 | 127    | 12.2 |
| McMinnville (Yamhill)                 | 14,865                            | 255    | 17.2 | 156    | 10.5 |
| Medford (Jackson)                     | 40,950                            | 736    | 18.0 | 428    | 10.5 |
| Milwaukie (Clack., Mult.)             | 17,475                            | 462    | 26.4 | 249    | 14.2 |
| Newberg (Yamhill)                     | 11,440                            | 226    | 19.8 | 127    | 11.1 |
| Oregon City (Clackamas)               | 14,440                            | 277    | 19.2 | 163    | 11.3 |
| Pendleton (Umatilla)                  | 14,150                            | 218    | 15.4 | 121    | 8.6  |
| Portland (Mult., Clack.,<br>Wash.)    | 371,500                           | 6,079  | 16.4 | 4,284  | 11.5 |
| Roseburg (Douglas)                    | 15,800                            | 326    | 20.6 | 243    | 15.4 |
| Salem (Marion, Polk)                  | 92,680                            | 1,731  | 18.7 | 1,022  | 11.0 |
| Springfield (Lane)                    | 39,965                            | 870    | 21.8 | 326    | 8.2  |
| The Dalles (Wasco)                    | 10,960                            | 171    | 15.6 | 168    | 15.3 |
| Tigard (Washington)                   | 18,450                            | 363    | 19.7 | 166    | 9.0  |
| West Linn (Clackamas)                 | 12,620                            | 183    | 14.5 | 80     | 6.3  |
| Woodburn (Marion)                     | 11,300                            | 206    | 18.2 | 179    | 15.8 |

Cities of 10,000 or more population listed.

Counties listed in parenthesis.

All rates per 1,000 population.

Population Source: Center for Population Research and Census, Portland State University, July 1, 1984.

# NATALITY



## NATALITY

NUMBER OF BIRTHS      Birth statistics abound. Numbers, rates, percentages  
DOWN IN OREGON      flash before our eyes. How do market researchers, public health planners, economists, forecasters, sociologists and other professionals who deal with natality statistics optimize all this information to their advantage?

The simplest statistic, which we can all handle with relative ease, is the mere counting of the vital events. The number of Oregon resident births has been declining for the last four years. There were a total of 39,536 births in 1984, 413 births less than in 1983. Are women having fewer children, or is the decline in number of events attributable to other factors?

Mere counting of vital events does not tell the whole story. To adjust for changes in the Oregon population, statisticians use rates. The birth rate declined for the fourth straight year in 1984, to 14.9 births per 1,000 population. Although there were 16,197 more births in 1984 than 1945, the birth rate in 1945 was 19.0. This shows that Oregonians were having fewer children per resident in 1984 than in 1945. Although not often used, rates based on total population come in handy when sex and age distributions of a population are not known; such as when comparing natality statistics over time or between different nationalities.

Even more complicated statistical procedures are used to remove the effect of changes in a population by adjusting for factors such as age and sex. For example, in 1984, Curry county had the lowest birth rate of all the Oregon counties (10.6). The 1980 census reports that Curry county also had the highest median age of all the Oregon counties.

It follows then, naturally, that residents in certain age brackets have more children. When adjusting natality statistics for age, an adjustment for sex is also usually made. There may be widely skewed populations in this category as well. The most interesting statistic in the age and sex adjusted birth rates show the rate for 15-19 year-olds and 20-24 year-olds is going down and has been for the last four years (Figure 1). The birth rate to moms age 30-34 has been going up for the last four years. Could women be delaying childbearing in order to establish their careers? Could these two trend lines intersect in the next few years?

The makers of big ticket items such as homes, cars, dinette sets, etc. should be interested in the change in family configurations. Statisticians have a natality number which determines average family size. This statistic is called the total fertility rate. This indicator is computed by adding together the age-specific birth rates in the five-year age categories and multiplying by five. The 1984 rate, 1760, is the lowest in five years. This last figure indicates the theoretical number of babies who would be born to 1,000 women as these women passed through their reproductive years. A total fertility rate of 2,100 is considered population replacement.

FIGURE 1. BIRTHS TO TEENS AND OLDER MOTHERS  
Oregon Residents, 1979-84

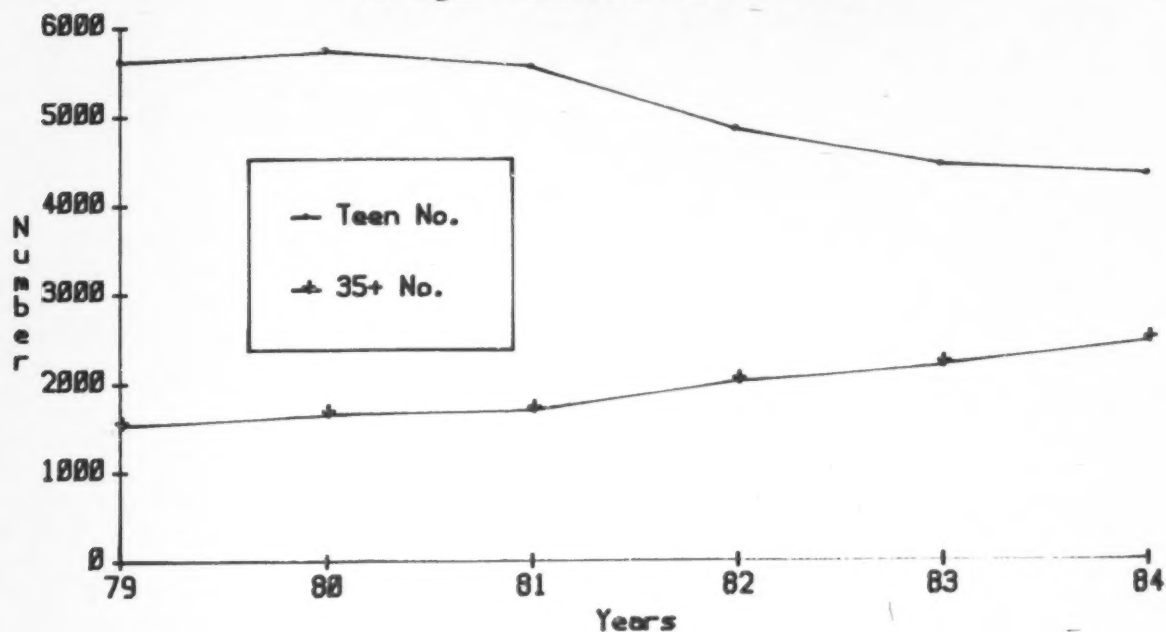
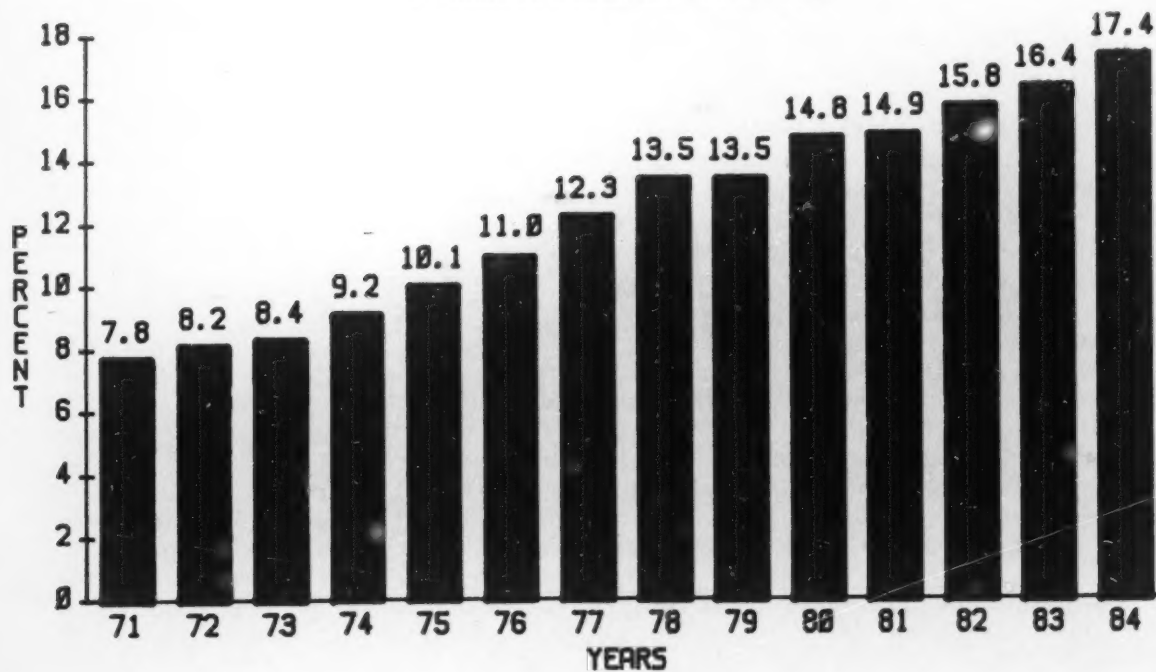


FIGURE 2. PERCENTAGE OF BIRTHS TO UNWED MOTHERS  
OREGON RESIDENTS, 1971-1984



#### UNWED BIRTHS

Although resident births declined by one percent, the number of births to unwed mothers increased by 5.7 percent. Births to unwed mothers comprise 17.4 percent of the total births. The percent of births to unwed mothers has increased for the last 13 years (Figure 2). Many unfavorable pregnancy outcomes are associated with this statistic, such as low birth weight and high infant mortality. Although one may expect these pregnancy outcomes to improve as women choose to raise children as singles, the incidence of low birth weight among infants of these mothers is higher than ever, with 8.4 percent of their birth outcomes being low birth weight in 1984.

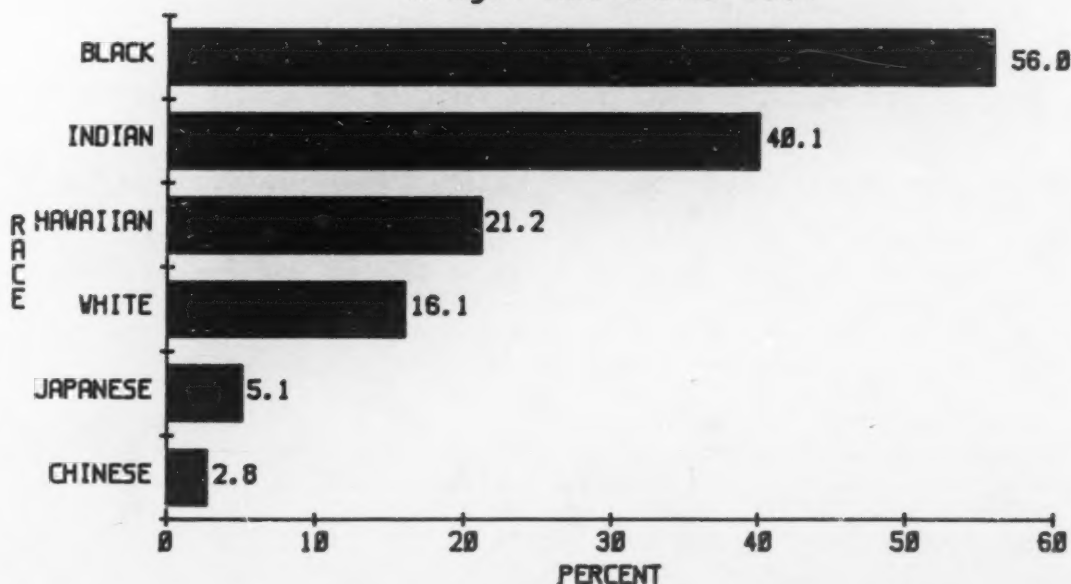
Unwed mother statistics are vastly different between the races (Figure 3). Fifty-six percent of the Black mothers giving birth were single. Forty percent of the Indian mothers were single. Whites registered third, with 16.1 percent.

#### OREGON'S MINORITY POPULATION

As in previous years, Oregon's minority population show significant differences in birthing patterns and circumstances. In the total population, 10.2 percent of the births were to mothers less than 20 years of age; however, Indian and Black populations were 21.6 percent and 20.6 percent respectively.

Mother's educational level differed among the races. Seventeen percent of the White babies were born to mothers with less than a high school education. The Black children had 26.9 percent of their mothers with less than a high school education. Indian children had 39.0 percent of their mothers not completing high school. Lower educational attainment coincides with the lower median age of mothers in the Black and Indian population.

FIGURE 3. PERCENT UNWED MOTHERS BY RACE  
Oregon Residents 1984



These differences of age and education are important in that they are historically associated with indications of poor pregnancy outcomes, such as low birth weight, infant mortality or morbidity. The percentages of low birth weight babies are more pronounced in the minority populations. Five percent of all 1984 births weighed less than 2,500 grams. However, 11.0 percent of the Black babies were in this weight category.

Even though the statistics do not reflect a favorable public health status for Blacks and Indians, the news is quite good for the other non-white races. These races consist of Chinese, Japanese, Filipino, Other Asian and Pacific Islanders and Other Non-White. They consistently show more favorable risk factors than the White population. This category contained 1,200 resident births in 1984.

#### NEW STATISTICS IN 1984

Our new data entry system has provided us with many more statistics in 1984. We now capture data on specific complications of pregnancy and illnesses associated with pregnancy. We have more tables on inadequate prenatal care (no care, less than 5 visits or third trimester care) and race statistics.

Low birth weight is more pronounced when mothers have little or no prenatal care. Five percent of Oregon resident births are low birth weight whereas 11.5 percent of babies of mothers with inadequate care had low birth weight babies.

Inadequate care rates between the races are different. For White babies (non-hispanic), 5.9 percent had mothers with inadequate care. Eleven percent of Black babies had mothers with inadequate prenatal care. Twenty percent of all Indian babies had mothers with inadequate care. Seventeen percent of all hispanic babies had mothers with inadequate prenatal care. Of the total mothers with inadequate care, 49.8 percent had less than a high school education; whereas 18.9 percent of Oregon resident mothers had less than a high school education (Table 28). Educational status, especially when coupled with age, has a big impact on inadequate care rates.

Complications of pregnancy is a new statistic gathered this year on the Oregon birth certificate. Although medical record technicians and others who complete birth certificates were warned of this fact, we suspect that reporting was somewhat less than adequate. The complication most frequently reported was preeclampsia. There were 747 preeclampsia patients, representing 1.9 percent of the total births. Washington State reports 3 percent of mothers who gave birth in 1984 as having preeclampsia. Is this difference due to a reporting factor? Post 42 week gestation pregnancies were reported 414 times, representing one percent of the total births. But postdate pregnancy is estimated to occur in three to 12 percent of all gestations. Morbidity and mortality rates associated with this common obstetric problem are higher than those with term gestation. The incidence of fetal distress, birth injury, meconium aspiration, congenital malformations, macrosomia, and oligohydramnios is also greater in postdate pregnancy.<sup>1/</sup> Anemia and gestational diabetes ranked third among the complications of pregnancy (Table 23).

1/ Am. J. Obstet. Gynecol. 1984 Jul 15; 149(6):628-32.



Another condition reported on the birth certificate is congenital anomalies of the newborn. Because birth certificates are filed shortly after birth, the types of anomalies which are not immediately obvious are underreported. There were a total of 447 reported congenital anomalies on the Oregon birth certificates in 1984, for a rate of 11.3 per 1,000 live births. The most frequently reported congenital anomaly was the anomaly of the cleft palate and cleft lip. Other specified anomalies of the skin such as skin tags, birthmarks, scars, etc. were reported with the second highest frequency. Deformities of the feet were reported with the third highest rate of frequency (Table 22).

COMPLICATIONS  
OF DELIVERY

The total number of Caesarean-sections reported in 1984 was 7,450 or 18.8 percent of Oregon's 39,536 resident births. The 1979 special Evaluation of Caesarean Section in the United States estimates that in 1978, 13.9 percent of deliveries in the U.S. were by C-section.

Our expanded data system now includes additional complications of delivery. The one most frequently recorded in 1984 was previous C-section. There were 2,203 such cases reported, representing 5.6 percent of the births. There were 1,139 breech presentations, or 2.9 percent of the total births (Table 23). Washington State reports 2.7 percent of total births with breech presentations. Reporting of breech presentations on Washington and Oregon birth certificates appears to be comparable.



TABLE 8. AGE SPECIFIC BIRTH RATES, FERTILITY RATES, AND TOTAL FERTILITY RATES, OREGON, 1940, 1950, 1960, 1970, 1975-1984

| YEAR | TOTAL<br>FERTILITY<br>RATES | FERTILITY<br>RATES | AGE SPECIFIC BIRTH RATES |       |       |       |       |       |
|------|-----------------------------|--------------------|--------------------------|-------|-------|-------|-------|-------|
|      |                             |                    | 15-19                    | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 |
| 1940 | 2,009                       | 69.4               | 46.2                     | 132.8 | 114.1 | 68.0  | 31.7  | 9.0   |
| 1950 | 3,228                       | 108.8              | 92.9                     | 223.0 | 169.5 | 100.9 | 46.7  | 12.6  |
| 1960 | 3,588                       | 112.5              | 88.2                     | 283.8 | 189.3 | 96.3  | 46.3  | 13.7  |
| 1970 | 2,256                       | 81.5               | 58.9                     | 167.5 | 139.4 | 58.3  | 21.7  | 5.4   |
| 1975 | 1,677                       | 64.5               | 47.2                     | 112.4 | 111.6 | 47.0  | 14.4  | 2.8   |
| 1976 | 1,692                       | 65.1               | 48.3                     | 110.9 | 112.3 | 49.4  | 14.5  | 3.0   |
| 1977 | 1,762                       | 67.6               | 47.4                     | 116.3 | 114.9 | 55.0  | 15.8  | 2.9   |
| 1978 | 1,757                       | 67.3               | 49.3                     | 115.1 | 111.3 | 56.8  | 16.1  | 2.8   |
| 1979 | 1,808                       | 69.0               | 48.8                     | 117.1 | 114.7 | 61.0  | 16.9  | 3.0   |
| 1980 | 1,830                       | 69.3               | 50.9                     | 124.3 | 112.9 | 57.8  | 17.2  | 2.8   |
| 1981 | 1,822                       | 68.1               | 51.5                     | 121.3 | 112.8 | 59.3  | 16.6  | 3.0   |
| 1982 | 1,781                       | 65.2               | 45.7                     | 119.1 | 109.1 | 60.3  | 18.6  | 3.3   |
| 1983 | 1,776                       | 64.1               | 42.8                     | 114.0 | 110.8 | 64.7  | 19.7  | 3.3   |
| 1984 | 1,760                       | 62.8               | 42.5                     | 108.0 | 110.9 | 66.4  | 21.2  | 3.1   |

Rates are per 1,000 female population within the specific age group.  
Births to mothers under 15 and over 44 were not included.

TABLE 9. RESIDENT BIRTHS BY AGE GROUP OF MOTHER, OREGON, 1955-1984

| YEAR | TOTAL  | AGE-GROUP OF MOTHER |                |                |                |                |                |                | 45 +<br>No. % | N.S.*<br>No. |
|------|--------|---------------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|--------------|
|      |        | Under 15<br>No. %   | 15-19<br>No. % | 20-24<br>No. % | 25-29<br>No. % | 30-34<br>No. % | 35-39<br>No. % | 40-44<br>No. % |               |              |
| 1955 | 38,678 | 19 0.0              | 4,939 12.8     | 12,968 33.5    | 10,339 26.7    | 6,346 16.4     | 3,194 8.3      | 835 2.2        | 36 0.1        | 2            |
| 1956 | 38,423 | 21 0.1              | 5,230 13.6     | 13,029 33.9    | 10,035 26.1    | 6,119 15.9     | 3,098 8.1      | 831 2.2        | 50 0.1        | 10           |
| 1957 | 37,828 | 19 0.1              | 5,267 13.9     | 13,162 34.8    | 9,509 25.1     | 5,939 15.7     | 3,051 8.1      | 832 2.2        | 47 0.1        | 2            |
| 1958 | 36,295 | 26 0.1              | 5,147 14.2     | 12,761 35.2    | 9,222 25.4     | 5,519 15.2     | 2,763 7.6      | 819 2.3        | 36 0.1        | 2            |
| 1959 | 36,634 | 21 0.1              | 5,351 14.6     | 13,390 36.6    | 9,052 24.7     | 5,314 14.5     | 2,732 7.5      | 737 2.0        | 35 0.1        | 2            |
| 1960 | 38,347 | 31 0.1              | 5,896 15.4     | 14,122 36.8    | 9,338 24.4     | 5,303 13.8     | 2,808 7.3      | 799 2.1        | 48 0.1        | 2            |
| 1961 | 37,475 | 25 0.1              | 5,738 15.3     | 14,434 38.5    | 8,891 23.7     | 5,012 13.4     | 2,597 6.9      | 733 2.0        | 42 0.1        | 3            |
| 1962 | 36,983 | 19 0.1              | 5,882 15.9     | 14,246 38.5    | 8,743 23.6     | 4,817 13.0     | 2,497 6.8      | 737 2.0        | 39 0.1        | 3            |
| 1963 | 34,863 | 32 0.1              | 5,546 15.9     | 13,616 39.1    | 8,322 23.9     | 4,352 12.5     | 2,266 6.5      | 694 2.0        | 35 0.1        | -            |
| 1964 | 33,500 | 30 0.1              | 5,356 16.0     | 13,302 39.7    | 7,986 23.8     | 4,088 12.2     | 2,079 6.2      | 619 1.8        | 38 0.1        | 2            |
| 1965 | 32,955 | 29 0.1              | 5,758 17.5     | 13,154 39.9    | 7,640 23.2     | 3,786 11.5     | 1,976 6.0      | 582 1.8        | 29 0.1        | 1            |
| 1966 | 32,446 | 31 0.1              | 5,989 18.5     | 13,044 40.2    | 7,688 23.7     | 3,352 10.3     | 1,781 5.5      | 521 1.6        | 38 0.1        | 2            |
| 1967 | 31,446 | 43 0.1              | 5,646 18.0     | 13,012 41.4    | 7,585 24.1     | 3,185 10.1     | 1,518 4.8      | 430 1.4        | 25 0.1        | 2            |
| 1968 | 32,136 | 39 0.1              | 5,789 18.0     | 13,071 40.7    | 8,304 25.8     | 3,170 9.9      | 1,532 4.1      | 405 1.3        | 25 0.1        | 1            |
| 1969 | 33,834 | 49 0.1              | 5,771 17.1     | 13,779 40.7    | 9,221 27.3     | 3,365 9.9      | 1,241 3.7      | 372 1.1        | 32 0.1        | 4            |
| 1970 | 35,353 | 41 0.1              | 6,027 17.0     | 14,587 41.3    | 9,778 27.7     | 3,373 9.5      | 1,195 3.4      | 324 0.9        | 27 0.1        | 1            |
| 1971 | 33,344 | 51 0.2              | 5,591 16.8     | 13,958 41.9    | 9,218 27.6     | 3,222 9.7      | 1,019 3.1      | 257 0.8        | 19 0.1        | 9            |
| 1972 | 31,308 | 52 0.2              | 5,531 17.7     | 12,374 39.5    | 9,141 29.2     | 3,046 9.7      | 920 2.9        | 226 0.7        | 12 0.0        | 6            |
| 1973 | 30,902 | 66 0.2              | 5,349 17.3     | 11,936 38.6    | 9,332 30.2     | 3,145 10.2     | 848 2.7        | 201 0.7        | 20 0.1        | 5            |
| 1974 | 32,506 | 66 0.2              | 5,356 16.5     | 12,612 38.8    | 10,039 30.9    | 3,465 10.7     | 810 2.5        | 145 0.4        | 8 0.0         | 5            |
| 1975 | 33,352 | 57 0.2              | 5,206 15.6     | 12,716 38.1    | 10,718 32.1    | 3,576 10.7     | 888 2.7        | 167 0.5        | 9 0.0         | 5            |
| 1976 | 34,840 | 67 0.2              | 5,367 15.4     | 12,895 37.0    | 11,386 32.7    | 3,992 11.5     | 935 2.7        | 180 0.5        | 11 0.0        | 7            |
| 1977 | 37,467 | 69 0.2              | 5,303 14.2     | 13,830 36.9    | 12,285 32.8    | 4,723 12.6     | 1,069 2.9      | 174 0.5        | 9 0.0         | 5            |
| 1978 | 38,964 | 72 0.2              | 5,588 14.3     | 13,906 35.7    | 12,710 32.6    | 5,319 13.7     | 1,181 3.0      | 178 0.5        | 7 0.0         | 3            |
| 1979 | 41,564 | 70 0.2              | 5,544 13.3     | 14,451 34.8    | 13,864 33.4    | 6,109 14.7     | 1,316 3.2      | 193 0.5        | 12 0.0        | 5            |
| 1980 | 43,091 | 71 0.2              | 5,658 13.1     | 14,912 34.6    | 14,297 33.2    | 6,499 15.1     | 1,456 3.4      | 185 0.4        | 11 0.0        | 2            |
| 1981 | 42,974 | 61 0.1              | 5,483 12.8     | 14,338 33.4    | 14,292 33.3    | 7,102 16.5     | 1,479 3.4      | 207 0.5        | 12 0.0        | -            |
| 1982 | 41,012 | 52 0.1              | 4,783 11.7     | 13,422 32.7    | 13,534 33.0    | 7,202 17.6     | 1,765 4.3      | 241 0.6        | 13 0.0        | -            |
| 1983 | 39,949 | 52 0.1              | 4,375 11.0     | 12,595 32.8    | 13,106 32.8    | 7,626 19.1     | 1,938 4.9      | 244 0.6        | 11 0.0        | 2            |
| 1984 | 39,536 | 56 0.1              | 4,245 10.7     | 12,035 30.4    | 12,783 32.3    | 7,961 20.1     | 2,193 5.5      | 248 0.6        | 13 0.0        | 2            |

\* N.S. Indicates age not stated. Insignificant percentage.

TABLE 10. RESIDENT BIRTHS BY RACE OF CHILD, OREGON, 1955-1984

| YEAR | TOTAL  | RACE OF CHILD |       |        |         |          |       |            |
|------|--------|---------------|-------|--------|---------|----------|-------|------------|
|      |        | White         | Black | Indian | Chinese | Japanese | Other | Not Stated |
| 1955 | 38,678 | 37,575        | 526   | 309    | 74      | 135      | 59    | -          |
| 1956 | 38,423 | 37,346        | 548   | 267    | 71      | 129      | 62    | -          |
| 1957 | 37,828 | 36,705        | 530   | 340    | 80      | 121      | 52    | -          |
| 1958 | 36,295 | 35,138        | 538   | 340    | 65      | 128      | 85    | 1          |
| 1959 | 36,634 | 35,384        | 599   | 376    | 69      | 128      | 78    | -          |
| 1960 | 38,347 | 36,958        | 651   | 432    | 78      | 134      | 94    | -          |
| 1961 | 37,475 | 36,128        | 585   | 451    | 72      | 148      | 91    | -          |
| 1962 | 36,983 | 35,717        | 613   | 385    | 68      | 115      | 85    | -          |
| 1963 | 34,863 | 33,545        | 617   | 418    | 72      | 105      | 106   | -          |
| 1964 | 33,500 | 32,199        | 613   | 417    | 69      | 105      | 97    | -          |
| 1965 | 32,955 | 31,671        | 590   | 425    | 66      | 112      | 91    | -          |
| 1966 | 32,446 | 31,247        | 567   | 371    | 77      | 82       | 102   | -          |
| 1967 | 31,446 | 30,270        | 583   | 368    | 63      | 74       | 88    | -          |
| 1968 | 32,136 | 30,968        | 543   | 363    | 71      | 85       | 106   | -          |
| 1969 | 33,834 | 32,427        | 626   | 451    | 95      | 95       | 139   | 1          |
| 1970 | 35,353 | 33,729        | 677   | 552    | 86      | 127      | 179   | 3          |
| 1971 | 33,344 | 31,850        | 654   | 478    | 90      | 106      | 158   | 8          |
| 1972 | 31,308 | 29,756        | 657   | 492    | 89      | 110      | 185   | 19         |
| 1973 | 30,902 | 29,349        | 621   | 510    | 77      | 113      | 214   | 18         |
| 1974 | 32,506 | 30,800        | 706   | 515    | 80      | 109      | 272   | 24         |
| 1975 | 33,352 | 31,487        | 760   | 567    | 97      | 117      | 290   | 34         |
| 1976 | 34,840 | 32,923        | 728   | 550    | 104     | 138      | 339   | 58         |
| 1977 | 37,467 | 35,361        | 894   | 527    | 109     | 134      | 369   | 73         |
| 1978 | 38,964 | 36,617        | 947   | 581    | 107     | 144      | 546   | 22         |
| 1979 | 41,564 | 38,983        | 977   | 627    | 147     | 151      | 661   | 18         |
| 1980 | 43,091 | 40,151        | 1,012 | 687    | 169     | 147      | 908   | 17         |
| 1981 | 42,974 | 39,863        | 920   | 660    | 154     | 163      | 1,211 | 3          |
| 1982 | 41,012 | 37,951        | 976   | 643    | 176     | 185      | 1,077 | 4          |
| 1983 | 39,949 | 37,065        | 982   | 688    | 171     | 169      | 871   | 3          |
| 1984 | 39,536 | 36,683        | 907   | 689    | 178     | 158      | 916   | 5          |

TABLE 11. RESIDENT BIRTHS BY AGE OF MOTHER AND BY BIRTHWEIGHT, OREGON 1984

| BIRTH<br>WEIGHT<br>(Grams) | TOTAL  | AGE OF MOTHER |       |        |        |       |       |       |       |
|----------------------------|--------|---------------|-------|--------|--------|-------|-------|-------|-------|
|                            |        | <15           | 15-19 | 20-24  | 25-29  | 30-34 | 35-39 | 40-44 | 45+   |
| TOTAL **                   | 39,536 | 56            | 4,245 | 12,035 | 12,783 | 7,961 | 2,193 | 248   | 13    |
| 499 or less                | 36     | -             | 5     | 12     | 10     | 5     | 3     | 1     | -     |
| 500-999                    | 116    | -             | 20    | 35     | 28     | 23    | 10    | -     | -     |
| 1000-1499                  | 193    | -             | 23    | 55     | 55     | 44    | 12    | 4     | -     |
| 1500-1999                  | 367    | 3             | 60    | 101    | 121    | 65    | 15    | 2     | -     |
| 2000-2499                  | 1,324  | 3             | 189   | 461    | 363    | 229   | 67    | 12    | -     |
| 2500-2999*                 | 4,865  | 8             | 683   | 1,636  | 1,466  | 816   | 233   | 20    | 2     |
| 3000-3499                  | 13,601 | 21            | 1,604 | 4,357  | 4,285  | 2,608 | 649   | 75    | 2     |
| 3500-3999                  | 13,223 | 14            | 1,262 | 3,863  | 4,480  | 2,765 | 757   | 77    | 5     |
| 4000-4499                  | 4,726  | 7             | 340   | 1,273  | 1,620  | 1,086 | 353   | 43    | 4     |
| 4500-4999*                 | 960    | -             | 53    | 224    | 312    | 279   | 80    | 11    | -     |
| 5000 & over                | 122    | -             | 5     | 18     | 42     | 40    | 14    | 3     | -     |
| Not Stated                 | 3      | -             | 1     | -      | 1      | 1     | -     | -     | -     |
| %1499 or less              | 0.9    | 0.0           | 1.1   | .8     | .7     | .9    | 1.1   | 2.0   | -     |
| %1500-2499                 | 4.3    | 10.7          | 5.9   | 4.7    | 3.8    | 3.7   | 3.7   | 5.6   | -     |
| %2500-4499                 | 92.1   | 89.3          | 91.6  | 92.5   | 92.7   | 91.4  | 90.8  | 86.7  | 100.0 |
| %4500 & over               | 2.7    | -             | 1.4   | 2.0    | 2.8    | 4.0   | 4.3   | 5.6   | -     |

\* Includes 1 with age not stated.

\*\* Includes 2 with age not stated.

TABLE 12. RESIDENT BIRTHS TO UNWED MOTHERS BY AGE OF MOTHER &amp; BIRTHWEIGHT, OREGON 1984

| BIRTH<br>WEIGHT<br>(Grams) | TOTAL | AGE OF MOTHER |       |       |       |       |       |       |       |
|----------------------------|-------|---------------|-------|-------|-------|-------|-------|-------|-------|
|                            |       | <15           | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45+   |
| TOTAL                      | 6,861 | 53            | 2,236 | 2,521 | 1,295 | 545   | 176   | 34    | 1     |
| 499 or less                | 14    | -             | 4     | 5     | 4     | -     | 1     | -     | -     |
| 500-999                    | 35    | -             | 14    | 12    | 4     | 4     | 1     | -     | -     |
| 1000-1499                  | 48    | -             | 17    | 19    | 8     | 4     | -     | -     | -     |
| 1500-1999                  | 93    | 3             | 31    | 28    | 17    | 11    | 2     | 1     | -     |
| 2000-2499                  | 384   | 2             | 117   | 144   | 76    | 29    | 11    | 5     | -     |
| 2500-2999                  | 1,204 | 8             | 398   | 452   | 228   | 86    | 26    | 6     | -     |
| 3000-3499                  | 2,526 | 20            | 823   | 937   | 471   | 197   | 67    | 10    | 1     |
| 3500-3999                  | 1,894 | 13            | 645   | 684   | 355   | 141   | 48    | 8     | -     |
| 4000-4499                  | 548   | 7             | 160   | 202   | 105   | 55    | 16    | 3     | -     |
| 4500-4999                  | 102   | -             | 25    | 35    | 24    | 14    | 4     | -     | -     |
| 5000 & over                | 12    | -             | 1     | 3     | 3     | 4     | -     | 1     | -     |
| Not stated                 | 1     | -             | 1     | -     | -     | -     | -     | -     | -     |
| % <1499                    | 1.4   | -             | 1.6   | 1.4   | 1.2   | 1.5   | 1.1   | -     | -     |
| %1500-2499                 | 7.0   | 9.4           | 6.6   | 6.8   | 7.2   | 7.3   | 7.4   | 17.6  | -     |
| %2500-4499                 | 90.0  | 90.6          | 90.6  | 90.2  | 89.5  | 87.9  | 89.2  | 79.4  | 100.0 |
| %4500 & over               | 1.7   | -             | 1.2   | 1.5   | 2.1   | 3.3   | 2.3   | 2.9   | -     |

TABLE 13. BIRTHS TO UNWED MOTHERS BY COUNTY OF RESIDENCE, 1984

| COUNTY OF<br>RESIDENCE | TOTAL LIVE<br>BIRTHS | BIRTHS TO UNWED MOTHERS |       |
|------------------------|----------------------|-------------------------|-------|
|                        |                      | Number                  | Ratio |
| STATE                  | 39,536               | 6,861                   | 173.5 |
| Baker                  | 222                  | 34                      | 153.2 |
| Benton                 | 871                  | 83                      | 95.3  |
| Clackamas              | 3,184                | 421                     | 132.2 |
| Clatsop                | 438                  | 67                      | 153.0 |
| Columbia               | 505                  | 72                      | 142.6 |
| Coos                   | 901                  | 185                     | 205.3 |
| Crook                  | 208                  | 21                      | 101.0 |
| Curry                  | 181                  | 27                      | 149.2 |
| Deschutes              | 1,006                | 132                     | 131.2 |
| Douglas                | 1,383                | 253                     | 182.9 |
| Gilliam                | 37                   | 3                       | 81.1  |
| Grant                  | 115                  | 5                       | 43.5  |
| Harney                 | 99                   | 11                      | 111.1 |
| Hood River             | 250                  | 26                      | 104.0 |
| Jackson                | 1,934                | 346                     | 178.9 |
| Jefferson              | 241                  | 70                      | 290.5 |
| Josephine              | 803                  | 175                     | 217.9 |
| Klamath                | 912                  | 163                     | 178.7 |
| Lake                   | 123                  | 13                      | 105.7 |
| Lane                   | 3,888                | 717                     | 184.4 |
| Lincoln                | 488                  | 91                      | 186.5 |
| Linn                   | 1,380                | 245                     | 177.5 |
| Malheur                | 493                  | 63                      | 127.8 |
| Marion                 | 3,275                | 595                     | 181.7 |
| Morrow                 | 142                  | 17                      | 119.7 |
| Multnomah              | 8,467                | 1,937                   | 228.9 |
| Polk                   | 645                  | 101                     | 156.6 |
| Sherman                | 27                   | 2                       | 74.1  |
| Tillamook              | 264                  | 39                      | 147.7 |
| Umatilla               | 1,073                | 202                     | 188.3 |
| Union                  | 381                  | 52                      | 136.5 |
| Wallowa                | 101                  | 12                      | 118.8 |
| Wasco                  | 350                  | 62                      | 177.1 |
| Washington             | 4,177                | 469                     | 112.3 |
| Wheeler                | 15                   | 1                       | 66.7  |
| Yamhill                | 957                  | 149                     | 155.7 |

Ratios per 1,000 Live Births



TABLE 14. RESIDENT BIRTHS BY AGE OF MOTHER AND LIVE BIRTH ORDER, OREGON 1984

| LIVE<br>BIRTH<br>ORDER | TOTAL  | AGE OF MOTHER |       |        |        |       |       |       |     |
|------------------------|--------|---------------|-------|--------|--------|-------|-------|-------|-----|
|                        |        | <15           | 15-19 | 20-24  | 25-29  | 30-34 | 35-39 | 40-44 | 45+ |
| TOTAL                  | 39,536 | 56            | 4,245 | 12,035 | 12,783 | 7,961 | 2,193 | 248   | 13  |
| First                  | 15,777 | 52            | 3,333 | 5,674  | 4,206  | 2,093 | 395   | 22    | 2   |
| Second                 | 13,614 | 3             | 779   | 4,414  | 4,897  | 2,834 | 644   | 42    | 1   |
| Third                  | 6,192  | -             | 100   | 1,446  | 2,424  | 1,678 | 498   | 44    | 2   |
| Fourth                 | 2,193  | -             | 17    | 338    | 791    | 736   | 271   | 40    | -   |
| Fifth                  | 751    | -             | -     | 49     | 222    | 285   | 160   | 33    | 2   |
| Sixth                  | 338    | -             | -     | 9      | 77     | 135   | 97    | 17    | 2   |
| Seventh                | 129    | -             | -     | 2      | 17     | 55    | 41    | 12    | 2   |
| Eighth                 | 87     | -             | -     | 2      | 8      | 33    | 34    | 10    | -   |
| Ninth +                | 72     | -             | -     | -      | -      | 19    | 29    | 23    | 1   |
| Not Stated             | 383    | 1             | 16    | 101    | 141    | 93    | 24    | 5     | 1   |

TABLE 15. TOTAL PREGNANCIES BY TYPE OF OUTCOME AND AGE GROUPS, OREGON  
OCCURRENCE, 1984

| TYPE<br>OF<br>OUTCOME | TOTAL               | AGE OF MOTHER |       |        |        |       |       |       |      |
|-----------------------|---------------------|---------------|-------|--------|--------|-------|-------|-------|------|
|                       |                     | <15           | 15-19 | 20-24  | 25-29  | 30-34 | 35-39 | 40-44 | 45+  |
| TOTAL                 | 54,245              | 139           | 7,391 | 16,346 | 15,490 | 9,431 | 2,823 | 375   | 21   |
| LIVE BIRTHS           | 40,841 <sup>1</sup> | 58            | 4,409 | 12,511 | 13,166 | 8,174 | 2,252 | 258   | 12   |
| Percent               | 75.3                | 41.7          | 59.7  | 76.5   | 85.0   | 86.7  | 79.8  | 68.8  | 57.1 |
| FETAL DEATHS          | 271                 | 0             | 32    | 91     | 78     | 43    | 24    | 3     | 0    |
| Percent               | 0.5                 | 0.0           | 0.4   | 0.6    | 0.5    | 0.4   | 0.8   | 0.8   | 0.0  |
| INDUCED<br>ABORTIONS  | 13,133 <sup>2</sup> | 81            | 2,950 | 3,744  | 2,246  | 1,214 | 547   | 114   | 9    |
| Percent               | 24.2                | 58.3          | 39.9  | 22.9   | 14.5   | 12.9  | 19.4  | 30.4  | 42.9 |

Occurrence figures are required because of incomplete reporting on certain demographic items.

<sup>1</sup> Includes 1 with age not stated.

<sup>2</sup> includes 2,228 with age not stated.

TABLE 16. RESIDENT BIRTHS BY AGE OF MOTHER, OREGON 1984

| COUNTY OF RESIDENCE | TOTAL                | AGE OF MOTHER |       |        |        |       |       |       |     |
|---------------------|----------------------|---------------|-------|--------|--------|-------|-------|-------|-----|
|                     |                      | UNDER 15      | 15-19 | 20-24  | 25-29  | 30-34 | 35-39 | 40-44 | 45+ |
| STATE               | 39,536 <sup>1/</sup> | 56            | 4,245 | 12,035 | 12,782 | 7,961 | 2,193 | 248   | 14  |
| Baker               | 222                  | -             | 34    | 72     | 74     | 31    | 10    | 1     | -   |
| Benton              | 871                  | -             | 44    | 195    | 312    | 248   | 63    | 9     | -   |
| Clackamas           | 3,184                | 2             | 262   | 845    | 1,046  | 782   | 222   | 25    | -   |
| Clatsop             | 438                  | 1             | 44    | 148    | 139    | 73    | 29    | 4     | -   |
| Columbia            | 505                  | 1             | 65    | 137    | 166    | 99    | 34    | 2     | 1   |
| Coos                | 901 <sup>2/</sup>    | 1             | 114   | 322    | 265    | 162   | 30    | 6     | -   |
| Crook               | 208                  | 1             | 22    | 91     | 60     | 27    | 7     | -     | -   |
| Curry               | 181                  | -             | 21    | 61     | 60     | 32    | 6     | 1     | -   |
| Deschutes           | 1,006                | -             | 116   | 294    | 339    | 201   | 52    | 4     | -   |
| Douglas             | 1,383                | 2             | 190   | 542    | 372    | 219   | 50    | 7     | 1   |
| Gilliam             | 37                   | -             | 3     | 10     | 13     | 10    | 1     | -     | -   |
| Grant               | 115                  | -             | 7     | 44     | 39     | 17    | 7     | 1     | -   |
| Harney              | 99                   | -             | 13    | 38     | 31     | 12    | 5     | -     | -   |
| Hood River          | 250                  | -             | 30    | 89     | 76     | 42    | 12    | 1     | -   |
| Jackson             | 1,934                | 3             | 236   | 601    | 620    | 349   | 117   | 7     | 1   |
| Jefferson           | 241                  | -             | 49    | 76     | 78     | 32    | 6     | -     | -   |
| Josephine           | 803                  | -             | 137   | 277    | 216    | 126   | 42    | 5     | -   |
| Klamath             | 912                  | -             | 143   | 318    | 257    | 147   | 41    | 5     | 1   |
| Lake                | 123                  | -             | 17    | 49     | 33     | 20    | 3     | 1     | -   |
| Lane                | 3,888 <sup>2/</sup>  | 3             | 372   | 1,179  | 1,262  | 818   | 225   | 26    | 2   |
| Lincoln             | 488                  | 1             | 51    | 146    | 162    | 99    | 25    | 3     | 1   |
| Linn                | 1,380                | 2             | 167   | 509    | 423    | 225   | 44    | 10    | -   |
| Malheur             | 493                  | 2             | 71    | 159    | 127    | 101   | 31    | 2     | -   |
| Marion              | 3,275                | 6             | 404   | 1,019  | 1,043  | 610   | 168   | 23    | 2   |
| Morrow              | 142                  | -             | 24    | 46     | 47     | 21    | 4     | -     | -   |
| Multnomah           | 8,467                | 17            | 856   | 2,450  | 2,806  | 1,759 | 522   | 56    | 1   |
| Polk                | 645                  | 3             | 61    | 203    | 190    | 152   | 33    | 2     | 1   |
| Sherman             | 27                   | -             | 3     | 6      | 14     | 3     | 1     | -     | -   |
| Tillamook           | 264                  | -             | 42    | 93     | 74     | 41    | 13    | 1     | -   |
| Umatilla            | 1,073                | -             | 163   | 369    | 314    | 189   | 33    | 4     | 1   |
| Union               | 381                  | -             | 36    | 133    | 118    | 76    | 15    | 3     | -   |
| Wallowa             | 101                  | -             | 8     | 28     | 36     | 21    | 8     | -     | -   |
| Wasco               | 350                  | 2             | 49    | 101    | 122    | 50    | 22    | 4     | -   |
| Washington          | 4,177                | 8             | 280   | 1,048  | 1,538  | 999   | 272   | 30    | 2   |
| Wheeler             | 15                   | -             | 1     | 7      | 3      | 4     | -     | -     | -   |
| Yamhill             | 957                  | 1             | 110   | 330    | 307    | 164   | 40    | 5     | -   |

<sup>1/</sup> Includes 2 with age not stated<sup>2/</sup> Includes 1 with age not stated

TABLE 17. RESIDENT BIRTHS TO UNWED MOTHERS BY AGE OF MOTHER, OREGON, 1984

| COUNTY OF RESIDENCE | TOTAL | AGE OF MOTHER |       |       |       |       |       |       |     |
|---------------------|-------|---------------|-------|-------|-------|-------|-------|-------|-----|
|                     |       | UNDER 15      | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45+ |
| STATE               | 6,861 | 53            | 2,236 | 2,521 | 1,294 | 545   | 176   | 34    | 2   |
| Baker               | 34    | -             | 16    | 11    | 5     | 2     | -     | -     | -   |
| Benton              | 83    | -             | 16    | 37    | 15    | 10    | 5     | -     | -   |
| Clackamas           | 421   | 2             | 142   | 158   | 68    | 38    | 11    | 2     | -   |
| Clatsop             | 67    | 1             | 20    | 28    | 12    | 4     | 2     | -     | -   |
| Columbia            | 72    | -             | 26    | 21    | 16    | 6     | 3     | -     | -   |
| Coos                | 185   | 1             | 60    | 60    | 42    | 15    | 4     | 3     | -   |
| Crook               | 21    | 1             | 7     | 9     | 3     | 1     | -     | -     | -   |
| Curry               | 27    | -             | 6     | 16    | 4     | 1     | -     | -     | -   |
| Deschutes           | 132   | -             | 49    | 47    | 25    | 6     | 5     | -     | -   |
| Douglas             | 253   | 2             | 77    | 105   | 36    | 27    | 4     | 2     | -   |
| Gilliam             | 3     | -             | -     | 1     | -     | 2     | -     | -     | -   |
| Grant               | 5     | -             | -     | 4     | 1     | -     | -     | -     | -   |
| Harney              | 11    | -             | 2     | 7     | 2     | -     | -     | -     | -   |
| Hood River          | 26    | -             | 11    | 8     | 4     | 3     | -     | -     | -   |
| Jackson             | 346   | 3             | 114   | 120   | 74    | 21    | 13    | -     | 1   |
| Jefferson           | 70    | -             | 26    | 19    | 17    | 8     | -     | -     | -   |
| Josephine           | 175   | -             | 63    | 54    | 34    | 14    | 8     | 2     | -   |
| Klamath             | 163   | -             | 65    | 60    | 19    | 14    | 5     | -     | -   |
| Lake                | 13    | -             | 7     | 4     | 2     | -     | -     | -     | -   |
| Lane                | 717   | 3             | 209   | 269   | 151   | 64    | 16    | 5     | -   |
| Lincoln             | 91    | 1             | 21    | 35    | 20    | 10    | 4     | -     | -   |
| Linn                | 245   | 2             | 82    | 93    | 48    | 16    | 2     | 2     | -   |
| Malheur             | 63    | 1             | 23    | 20    | 11    | 4     | 4     | -     | -   |
| Marion              | 595   | 5             | 202   | 224   | 100   | 44    | 15    | 5     | -   |
| Morrow              | 17    | -             | 6     | 8     | 3     | -     | -     | -     | -   |
| Multnomah           | 1,937 | 17            | 609   | 703   | 398   | 151   | 51    | 8     | -   |
| Polk                | 101   | 3             | 34    | 35    | 15    | 12    | 1     | 1     | -   |
| Sherman             | 2     | -             | 2     | -     | -     | -     | -     | -     | -   |
| Tillamook           | 39    | -             | 17    | 11    | 8     | 3     | -     | -     | -   |
| Umatilla            | 202   | -             | 77    | 75    | 26    | 20    | 2     | 1     | 1   |
| Union               | 52    | -             | 13    | 22    | 10    | 5     | 2     | -     | -   |
| Wallowa             | 12    | -             | 2     | 7     | 2     | 1     | -     | -     | -   |
| Wasco               | 62    | 2             | 23    | 18    | 9     | 4     | 5     | 1     | -   |
| Washington          | 469   | 8             | 151   | 177   | 88    | 30    | 13    | 2     | -   |
| Wheeler             | 1     | -             | -     | 1     | -     | -     | -     | -     | -   |
| Yamhill             | 149   | 1             | 58    | 54    | 26    | 9     | 1     | -     | -   |

TABLE 18. RESIDENT BIRTHS BY SEX AND RACE OF CHILD, OREGON, 1984.

| COUNTY OF RESIDENCE | TOTAL               | SEX    |        | RACE OF CHILD      |       |        |                 |
|---------------------|---------------------|--------|--------|--------------------|-------|--------|-----------------|
|                     |                     | Male   | Female | White <sup>4</sup> | Black | Indian | Other Non-White |
| STATE               | 39,536 <sup>1</sup> | 20,506 | 19,030 | 36,683             | 907   | 689    | 1,252           |
| Baker               | 222                 | 124    | 98     | 220                | -     | 1      | 1               |
| Benton              | 871                 | 447    | 424    | 813                | 13    | 6      | 39              |
| Clackamas           | 3,184 <sup>2</sup>  | 1,692  | 1,492  | 3,058              | 20    | 28     | 77              |
| Clatsop             | 438                 | 213    | 225    | 423                | 4     | 5      | 6               |
| Columbia            | 505                 | 275    | 230    | 495                | -     | 5      | 5               |
| Coos                | 901                 | 456    | 445    | 847                | 2     | 39     | 13              |
| Crook               | 208                 | 101    | 107    | 205                | -     | 2      | 1               |
| Curry               | 181                 | 83     | 98     | 178                | -     | 2      | 1               |
| Deschutes           | 1,006               | 524    | 482    | 971                | 4     | 15     | 16              |
| Douglas             | 1,383               | 707    | 676    | 1,348              | 5     | 23     | 7               |
| Gilliam             | 37                  | 22     | 15     | 37                 | -     | -      | -               |
| Grant               | 115                 | 60     | 55     | 112                | -     | 2      | 1               |
| Harney              | 99                  | 58     | 41     | 94                 | 0     | 4      | 1               |
| Hood River          | 250                 | 123    | 127    | 238                | 1     | 5      | 6               |
| Jackson             | 1,934 <sup>2</sup>  | 1,002  | 932    | 1,878              | 7     | 29     | 19              |
| Jefferson           | 241                 | 130    | 111    | 142                | -     | 98     | 1               |
| Josephine           | 803                 | 434    | 369    | 769                | 2     | 21     | 11              |
| Klamath             | 912                 | 481    | 431    | 831                | 6     | 60     | 15              |
| Lake                | 123                 | 53     | 70     | 120                | 1     | 2      | -               |
| Lane                | 3,888 <sup>2</sup>  | 2,020  | 1,868  | 3,736              | 37    | 33     | 81              |
| Lincoln             | 488                 | 255    | 233    | 462                | 1     | 14     | 11              |
| Linn                | 1,380               | 723    | 657    | 1,321              | 3     | 21     | 35              |
| Malheur             | 493                 | 250    | 243    | 469                | 4     | 6      | 19              |
| Marion              | 3,275               | 1,695  | 1,580  | 3,126              | 20    | 47     | 82              |
| Morrow              | 142                 | 70     | 72     | 138                | -     | 1      | 2               |
| Multnomah           | 8,467 <sup>3</sup>  | 4,330  | 4,137  | 7,115              | 727   | 119    | 503             |
| Polk                | 645                 | 341    | 304    | 626                | 2     | 6      | 11              |
| Sherman             | 27                  | 13     | 14     | 27                 | -     | -      | -               |
| Tillamook           | 264                 | 143    | 121    | 257                | 1     | 1      | 5               |
| Umatilla            | 1,073               | 581    | 492    | 1,027              | 4     | 33     | 9               |
| Union               | 381                 | 217    | 164    | 366                | 2     | 3      | 10              |
| Wallowa             | 101                 | 46     | 55     | 99                 | 1     | 1      | -               |
| Wasco               | 350                 | 188    | 162    | 327                | -     | 20     | 3               |
| Washington          | 4,177               | 2,157  | 2,020  | 3,866              | 37    | 22     | 252             |
| Wheeler             | 15                  | 6      | 9      | 15                 | -     | -      | -               |
| Yamhill             | 957                 | 486    | 471    | 931                | 3     | 15     | 8               |

<sup>1</sup> Includes five with race not stated.<sup>2</sup> Includes one with race not stated.<sup>3</sup> Includes two with race not stated.<sup>4</sup> Includes all Hispanic.



TABLE 19. BIRTHS BY COUNTY OF OCCURRENCE BY TYPE OF INSTITUTION AND BY DELIVERY ATTENDANT, OREGON, 1984

| COUNTY OF OCCURRENCE | TOTAL  | IN HOSPITAL OR BORN ON ARRIVAL |        |       |       |      |                        |
|----------------------|--------|--------------------------------|--------|-------|-------|------|------------------------|
|                      |        | Total                          | M.D.   | D.O.  | CNM   | R.N. | Other Licensed Medical |
| STATE                | 40,841 | 39,055                         | 36,143 | 1,215 | 1,567 | 95   | 35                     |
| Baker                | 149    | 142                            | 142    | -     | -     | -    | -                      |
| Benton               | 1,284  | 1,224                          | 1,096  | 50    | 75    | 1    | 2                      |
| Clackamas            | 1,519  | 1,387                          | 1,378  | 4     | -     | 1    | 4                      |
| Clatsop              | 499    | 486                            | 480    | -     | -     | 6    | -                      |
| Columbia             | 75     | 66                             | 66     | -     | -     | -    | -                      |
| Coos                 | 884    | 844                            | 841    | -     | -     | -    | 3                      |
| Crook                | 129    | 124                            | 124    | -     | -     | -    | -                      |
| Curry                | 135    | 86                             | 39     | 27    | 16    | 3    | 1                      |
| Deschutes            | 1,220  | 1,188                          | 1,175  | 11    | -     | 1    | 1                      |
| Douglas              | 1,278  | 1,242                          | 1,135  | 65    | 40    | 2    | -                      |
| Gilliam              | -      | -                              | -      | -     | -     | -    | -                      |
| Grant                | 99     | 94                             | 93     | -     | -     | 1    | -                      |
| Harney               | 72     | 71                             | 71     | -     | -     | -    | -                      |
| Hood River           | 215    | 213                            | 213    | -     | -     | -    | -                      |
| Jackson              | 2,092  | 2,010                          | 1,411  | 85    | 507   | 5    | 2                      |
| Jefferson            | 185    | 178                            | 178    | -     | -     | -    | -                      |
| Josephine            | 880    | 736                            | 702    | 28    | -     | 6    | -                      |
| Klamath              | 940    | 929                            | 928    | -     | -     | -    | 1                      |
| Lake                 | 115    | 115                            | 114    | -     | -     | -    | 1                      |
| Lane                 | 4,046  | 3,715                          | 3,023  | 34    | 640   | 15   | 3                      |
| Lincoln              | 349    | 332                            | 299    | 3     | -     | 30   | -                      |
| Linn                 | 988    | 944                            | 855    | 75    | 14    | -    | -                      |
| Malheur              | 617    | 613                            | 612    | -     | -     | -    | 1                      |
| Marion               | 3,460  | 3,340                          | 3,316  | 23    | -     | 1    | -                      |
| Morrow               | 23     | 21                             | 1      | 20    | -     | -    | -                      |
| Multnomah            | 13,278 | 12,967                         | 12,494 | 255   | 202   | 5    | 11                     |
| Polk                 | 207    | 161                            | 62     | 98    | -     | -    | 1                      |
| Sherman              | -      | -                              | -      | -     | -     | -    | -                      |
| Tillamook            | 188    | 185                            | 185    | -     | -     | -    | -                      |
| Umatilla             | 830    | 814                            | 774    | 39    | -     | -    | 1                      |
| Union                | 479    | 466                            | 463    | -     | -     | 2    | 1                      |
| Wallowa              | 56     | 52                             | 52     | -     | -     | -    | -                      |
| Wasco                | 487    | 482                            | 282    | 198   | -     | 1    | 1                      |
| Washington           | 3,363  | 3,155                          | 2,871  | 200   | 73    | 10   | 1                      |
| Wheeler              | 2      | -                              | -      | -     | -     | -    | -                      |
| Yamhill              | 698    | 673                            | 668    | -     | -     | 5    | -                      |

\* See appendix for full title of attendants.

TABLE 19. Continued

| NOT IN HOSPITAL |      |      |      |      |     |      |          |                        |             |
|-----------------|------|------|------|------|-----|------|----------|------------------------|-------------|
| Total           | M.D. | D.O. | N.D. | D.C. | CNM | R.N. | Mid-Wife | Other Licensed Medical | Non Medical |
| 1,786           | 396  | 9    | 192  | 89   | 374 | 51   | 489      | 32                     | 154         |
| 7               | -    | -    | -    | -    | -   | -    | 5        | -                      | 2           |
| 60              | -    | -    | 8    | 1    | 3   | 3    | 41       | 1                      | 3           |
| 132             | 6    | -    | 24   | 16   | 43  | -    | 19       | 2                      | 22          |
| 13              | -    | -    | 4    | -    | -   | -    | 6        | -                      | 3           |
| 9               | 1    | -    | -    | 1    | -   | 1    | 3        | -                      | 3           |
| 40              | -    | -    | -    | -    | -   | -    | 35       | -                      | 5           |
| 5               | -    | -    | 3    | -    | 1   | -    | -        | -                      | 1           |
| 49              | 13   | -    | -    | -    | 29  | -    | 4        | -                      | 3           |
| 32              | 1    | -    | 18   | -    | -   | 1    | 10       | -                      | 2           |
| 36              | 7    | -    | -    | 1    | -   | -    | 20       | 3                      | 5           |
| -               | -    | -    | -    | -    | -   | -    | -        | -                      | -           |
| 5               | 1    | -    | -    | -    | -   | -    | 3        | -                      | 1           |
| 1               | -    | -    | -    | -    | -   | -    | -        | -                      | 1           |
| 2               | -    | -    | -    | -    | -   | -    | 1        | -                      | 1           |
| 82              | 11   | -    | 4    | 4    | -   | 23   | 27       | 8                      | 5           |
| 7               | 4    | -    | 3    | -    | -   | -    | -        | -                      | -           |
| 144             | 18   | -    | -    | -    | 89  | -    | 29       | -                      | 8           |
| 11              | 2    | -    | 1    | -    | -   | -    | 5        | -                      | 3           |
| -               | -    | -    | -    | -    | -   | -    | -        | -                      | -           |
| 331             | 91   | 7    | 2    | 1    | 167 | 6    | 40       | 3                      | 14          |
| 17              | 7    | -    | 1    | -    | -   | 6    | 2        | -                      | 1           |
| 44              | 1    | -    | -    | 1    | 4   | 1    | 33       | -                      | 4           |
| 4               | 1    | -    | 1    | -    | -   | -    | 1        | -                      | 1           |
| 120             | 4    | -    | 3    | 9    | 9   | 5    | 52       | 4                      | 34          |
| 2               | -    | -    | -    | -    | -   | -    | -        | 1                      | 1           |
| 311             | 63   | -    | 101  | 45   | 1   | 2    | 81       | 3                      | 15          |
| 46              | -    | 2    | 1    | 4    | 24  | 1    | 8        | 2                      | 4           |
| -               | -    | -    | -    | -    | -   | -    | -        | -                      | -           |
| 3               | -    | -    | 1    | -    | -   | -    | 2        | -                      | -           |
| 16              | 1    | -    | -    | -    | -   | -    | 11       | -                      | 4           |
| 13              | -    | -    | -    | 1    | -   | -    | 10       | -                      | 2           |
| 4               | -    | -    | -    | 2    | -   | -    | 2        | -                      | -           |
| 5               | -    | -    | -    | -    | -   | -    | 2        | -                      | 3           |
| 208             | 164  | -    | 7    | 3    | 3   | 1    | 25       | 4                      | 1           |
| 2               | -    | -    | -    | -    | -   | 1    | -        | -                      | 1           |
| 25              | -    | -    | 10   | -    | 1   | -    | 12       | 1                      | 1           |

\* See appendix for full title of attendants.

TABLE 20. LOW BIRTH WEIGHT INFANTS BY COUNTY OF RESIDENCE, OREGON, 1984

| COUNTY OF RESIDENCE | ALL LIVE BIRTHS | LOW BIRTH WEIGHT INFANTS |      |                  |      |                 |      |
|---------------------|-----------------|--------------------------|------|------------------|------|-----------------|------|
|                     |                 | TOTAL                    |      | 1499 Gr. or Less |      | 1500-2499 Grams |      |
|                     |                 | Number                   | Rate | Number           | Rate | Number          | Rate |
| STATE               | 39,536          | 2,036                    | 51.5 | 345              | 8.7  | 1,691           | 42.8 |
| Baker               | 222             | 10                       | 45.0 | 2                | 9.0  | 8               | 36.0 |
| Benton              | 871             | 41                       | 47.1 | 3                | 3.4  | 38              | 43.6 |
| Clackamas           | 3,184           | 161                      | 50.6 | 25               | 7.9  | 136             | 42.7 |
| Clatsop             | 438             | 21                       | 47.9 | 2                | 4.6  | 19              | 43.4 |
| Columbia            | 505             | 30                       | 59.4 | 5                | 9.9  | 25              | 49.5 |
| Coos                | 901             | 30                       | 33.3 | 3                | 3.3  | 27              | 30.0 |
| Crook               | 208             | 10                       | 48.1 | -                | -    | 10              | 48.1 |
| Curry               | 181             | 4                        | 22.1 | 2                | 11.0 | 2               | 11.0 |
| Deschutes           | 1,006           | 54                       | 53.7 | 12               | 11.9 | 42              | 41.7 |
| Douglas             | 1,383           | 56                       | 40.4 | 9                | 6.5  | 47              | 34.0 |
| Gilliam             | 37              | -                        | -    | -                | -    | -               | -    |
| Grant               | 115             | 2                        | 17.4 | 1                | 8.7  | 1               | 8.7  |
| Harney              | 99              | 7                        | 70.7 | 1                | 10.1 | 6               | 60.6 |
| Hood River          | 250             | 13                       | 52.0 | 1                | 4.0  | 12              | 48.0 |
| Jackson             | 1,934           | 89                       | 46.0 | 15               | 7.8  | 74              | 38.3 |
| Jefferson           | 241             | 11                       | 45.6 | 2                | 8.3  | 9               | 37.3 |
| Josephine           | 803             | 39                       | 48.6 | 3                | 3.7  | 36              | 44.8 |
| Klamath             | 912             | 56                       | 61.4 | 8                | 8.8  | 48              | 52.6 |
| Lake                | 123             | 7                        | 56.9 | 1                | 8.1  | 6               | 48.8 |
| Lane                | 3,888           | 194                      | 49.9 | 44               | 11.3 | 150             | 38.6 |
| Lincoln             | 488             | 21                       | 43.0 | 2                | 4.1  | 19              | 38.9 |
| Linn                | 1,380           | 72                       | 52.2 | 8                | 5.8  | 64              | 46.4 |
| Malheur             | 493             | 20                       | 40.6 | 2                | 4.1  | 18              | 36.5 |
| Marion              | 3,275           | 162                      | 49.5 | 31               | 9.5  | 131             | 40.0 |
| Morrow              | 142             | 5                        | 35.2 | 2                | 14.1 | 3               | 21.1 |
| Multnomah           | 8,467           | 524                      | 61.9 | 82               | 9.7  | 442             | 52.2 |
| Polk                | 645             | 38                       | 58.9 | 9                | 14.0 | 29              | 45.0 |
| Sherman             | 27              | 1                        | 37.0 | 1                | 37.0 | -               | -    |
| Tillamook           | 264             | 8                        | 30.3 | 3                | 11.4 | 5               | 18.9 |
| Umatilla            | 1,073           | 67                       | 62.4 | 13               | 12.1 | 54              | 50.3 |
| Union               | 381             | 19                       | 49.9 | 4                | 10.5 | 15              | 39.4 |
| Wallowa             | 101             | 2                        | 19.8 | -                | -    | 2               | 19.8 |
| Wasco               | 350             | 24                       | 68.6 | 3                | 8.6  | 21              | 60.0 |
| Washington          | 4,177           | 188                      | 45.0 | 34               | 8.1  | 154             | 36.9 |
| Wheeler             | 15              | -                        | -    | -                | -    | -               | -    |
| Yamhill             | 957             | 49                       | 51.2 | 12               | 12.5 | 37              | 38.7 |

All rates per 1,000 Live Births

TABLE 21. RESIDENT BIRTHS BY RACE OF CHILD AND BIRTH WEIGHT, OREGON, 1984

| BIRTH WEIGHT<br>IN GRAMS | ALL<br>LIVE<br>BIRTHS | RACE OF INFANT |          |       |        |         |          |          |          |                |                    | NOT<br>STATED |
|--------------------------|-----------------------|----------------|----------|-------|--------|---------|----------|----------|----------|----------------|--------------------|---------------|
|                          |                       | WHITE          | HISPANIC | BLACK | INDIAN | CHINESE | JAPANESE | HAWAIIAN | FILIPINO | OTHER<br>ASIAN | OTHER<br>NON-WHITE |               |
| STATE                    | 39,536                | 35,082         | 1,601    | 907   | 689    | 178     | 158      | 52       | 136      | 714            | 14                 | 5             |
| 499 or less              | 36                    | 27             | 3        | 4     | 1      | -       | -        | -        | -        | 1              | -                  | -             |
| 500-999                  | 116                   | 101            | 5        | 6     | 1      | -       | -        | -        | 1        | 2              | -                  | -             |
| 1000-1499                | 193                   | 166            | 10       | 7     | 1      | 1       | 1        | -        | 4        | 3              | -                  | -             |
| 1500-1999                | 367                   | 327            | 11       | 10    | 5      | 2       | 1        | 1        | 2        | 8              | -                  | -             |
| 2000-2499                | 1,324                 | 1,109          | 63       | 74    | 24     | 2       | 4        | 6        | 8        | 32             | 2                  | -             |
| 2500-2999                | 4,865                 | 4,175          | 208      | 176   | 76     | 34      | 29       | 5        | 28       | 130            | 3                  | 1             |
| 3000-3499                | 13,601                | 11,879         | 597      | 350   | 242    | 81      | 65       | 16       | 53       | 313            | 5                  | -             |
| 3500-3999                | 13,223                | 11,987         | 473      | 223   | 230    | 49      | 48       | 14       | 31       | 161            | 4                  | 3             |
| 4000-4499                | 4,726                 | 4,321          | 182      | 49    | 90     | 7       | 10       | 8        | 8        | 51             | -                  | -             |
| 4500-4999                | 960                   | 882            | 42       | 8     | 16     | 1       | -        | 2        | 1        | 8              | -                  | -             |
| 5000 +                   | 122                   | 106            | 7        | -     | 3      | 1       | -        | -        | -        | 5              | -                  | -             |
| Not Stated               | 3                     | 2              | -        | -     | -      | -       | -        | -        | -        | -              | -                  | 1             |

TABLE 22. CONGENITAL MALFORMATIONS BY SITE REPORTED ON BIRTH CERTIFICATE BY COUNTY OF RESIDENCE, OREGON, 1984

| COUNTY OF RESIDENCE | TOTAL | NERVOUS SYSTEM AND SENSE ORGANS |              |                      |              | CIRCULATORY SYSTEM |       | DIGESTIVE SYSTEM        |                        |       |
|---------------------|-------|---------------------------------|--------------|----------------------|--------------|--------------------|-------|-------------------------|------------------------|-------|
|                     |       | ANENCEPHALUS                    | SPINA BIFIDA | OTHER NERVOUS SYSTEM | SENSE ORGANS | HEART              | OTHER | CLEFT PALATE AND/OR LIP | UPPER ALIMENTARY TRACT | OTHER |
| STATE               | 447   | 5                               | 12           | 13                   | 18           | 9                  | 29    | 48                      | 10                     | 5     |
| Baker               | 4     | -                               | -            | 1                    | -            | -                  | -     | -                       | -                      | -     |
| Benton              | 10    | -                               | -            | -                    | 1            | -                  | -     | 3                       | -                      | -     |
| Clackamas           | 24    | -                               | -            | 1                    | -            | -                  | 1     | 2                       | -                      | -     |
| Clatsop             | 5     | -                               | -            | -                    | -            | -                  | -     | -                       | -                      | -     |
| Columbia            | 7     | -                               | -            | 1                    | -            | -                  | -     | 1                       | 1                      | 1     |
| Coos                | 19    | -                               | 1            | 1                    | -            | -                  | 2     | 2                       | -                      | -     |
| Crook               | 4     | -                               | -            | -                    | -            | -                  | -     | -                       | 1                      | -     |
| Curry               | 1     | -                               | -            | -                    | -            | -                  | -     | -                       | -                      | -     |
| Deschutes           | 18    | 1                               | 1            | 1                    | -            | -                  | 2     | 2                       | -                      | -     |
| Douglas             | 16    | -                               | 1            | -                    | 1            | -                  | 1     | 4                       | 1                      | -     |
| Gilliam             | 1     | -                               | -            | -                    | -            | -                  | -     | -                       | -                      | -     |
| Grant               | 1     | -                               | -            | -                    | -            | -                  | -     | -                       | -                      | -     |
| Harney              | 4     | -                               | -            | -                    | -            | -                  | -     | 1                       | -                      | -     |
| Hood River          | 5     | -                               | -            | -                    | 2            | -                  | -     | -                       | -                      | -     |
| Jackson             | 19    | -                               | -            | -                    | 2            | -                  | 3     | -                       | 1                      | -     |
| Jefferson           | 6     | -                               | -            | -                    | -            | -                  | 1     | -                       | -                      | -     |
| Josephine           | 14    | -                               | -            | -                    | 2            | -                  | -     | -                       | -                      | -     |
| Klamath             | 13    | -                               | -            | 1                    | 1            | -                  | 1     | 2                       | 1                      | -     |
| Lake                | 2     | -                               | -            | -                    | -            | -                  | -     | -                       | -                      | 1     |
| Lane                | 39    | -                               | -            | 1                    | 2            | -                  | 2     | 5                       | 1                      | -     |
| Lincoln             | 10    | -                               | 1            | 1                    | 1            | -                  | 1     | -                       | -                      | -     |
| Linn                | 14    | 1                               | -            | -                    | -            | -                  | 2     | 5                       | -                      | -     |
| Malheur             | 12    | -                               | -            | -                    | -            | -                  | -     | 1                       | -                      | -     |
| Marion              | 32    | 1                               | 4            | 1                    | -            | 1                  | 2     | 5                       | -                      | 1     |
| Morrow              | 1     | -                               | -            | -                    | -            | -                  | -     | -                       | -                      | -     |
| Multnomah           | 93    | 1                               | 1            | 4                    | 4            | 5                  | 8     | 9                       | -                      | 1     |
| Polk                | 6     | -                               | -            | -                    | 1            | -                  | 1     | -                       | 1                      | 1     |
| Sherman             | -     | -                               | -            | -                    | -            | -                  | -     | -                       | -                      | -     |
| Tillamook           | 1     | -                               | -            | -                    | -            | -                  | -     | -                       | -                      | -     |
| Umatilla            | 11    | -                               | 1            | -                    | -            | 1                  | -     | 2                       | 1                      | -     |
| Union               | 9     | -                               | -            | -                    | -            | -                  | -     | -                       | -                      | -     |
| Wallowa             | 1     | -                               | -            | -                    | -            | -                  | -     | -                       | -                      | -     |
| Wasco               | 2     | -                               | -            | -                    | -            | -                  | -     | -                       | -                      | -     |
| Washington          | 34    | 1                               | 2            | -                    | -            | 1                  | 2     | 4                       | 2                      | -     |
| Wheeler             | 1     | -                               | -            | -                    | -            | -                  | -     | -                       | -                      | -     |
| Yamhill             | 8     | -                               | -            | -                    | 1            | 1                  | -     | -                       | -                      | -     |



TABLE 22. CONGENITAL MALFORMATIONS BY SITE REPORTED ON BIRTH CERTIFICATE BY COUNTY OF RESIDENCE, OREGON, 1984, continued

| COUNTY OF RESIDENCE | GENITO-URINARY SYSTEM |                      |                | MUSCULOSKELETAL SYSTEM |             |            |                                |       | UNSPECIFIED SITES |      |                         | MULTIPLE SITES |
|---------------------|-----------------------|----------------------|----------------|------------------------|-------------|------------|--------------------------------|-------|-------------------|------|-------------------------|----------------|
|                     | HYPOSPADIAS           | OTHER GENITAL ORGANS | URINARY ORGANS | CLUBFOOT               | POLYDACTYLY | SYNDACTYLY | CONGENITAL DIS-LOCATION OF HIP | OTHER | DOWN'S SYNDROME   | SKIN | OTHER UNSPECIFIED SITES |                |
| STATE               | 20                    | 15                   | 9              | 42                     | 20          | 6          | -                              | 45    | 22                | 37   | 70                      | 12             |
| Baker               | 1                     | 1                    | -              | 1                      | -           | -          | -                              | -     | -                 | -    | -                       | -              |
| Benton              | 1                     | -                    | -              | -                      | 1           | -          | -                              | 2     | 1                 | -    | 1                       | -              |
| Clackamas           | -                     | 1                    | -              | 4                      | -           | 1          | -                              | 2     | 4                 | 3    | 3                       | -              |
| Clatsop             | -                     | -                    | -              | 1                      | -           | -          | -                              | 2     | -                 | 2    | -                       | -              |
| Columbia            | 1                     | 1                    | -              | -                      | -           | -          | -                              | -     | -                 | -    | 1                       | -              |
| Coos                | -                     | -                    | -              | 5                      | -           | -          | -                              | -     | -                 | 5    | 3                       | -              |
| Crook               | 1                     | 1                    | -              | -                      | -           | -          | -                              | -     | -                 | -    | 1                       | -              |
| Curry               | -                     | -                    | -              | 1                      | -           | -          | -                              | -     | -                 | -    | -                       | -              |
| Deschutes           | -                     | -                    | -              | 1                      | -           | -          | -                              | 2     | -                 | 6    | 2                       | -              |
| Douglas             | 2                     | -                    | -              | 2                      | -           | -          | -                              | 1     | -                 | -    | 3                       | -              |
| Gilliam             | -                     | -                    | -              | -                      | -           | -          | -                              | 1     | -                 | -    | -                       | -              |
| Grant               | -                     | -                    | 1              | -                      | -           | -          | -                              | -     | -                 | -    | -                       | -              |
| Harney              | 1                     | -                    | -              | 1                      | -           | -          | -                              | -     | -                 | 1    | -                       | -              |
| Hood River          | 1                     | -                    | -              | 1                      | 1           | -          | -                              | -     | -                 | -    | -                       | -              |
| Jackson             | -                     | -                    | 1              | 3                      | 2           | -          | -                              | 2     | 1                 | 2    | 2                       | -              |
| Jefferson           | 1                     | 1                    | -              | -                      | -           | 1          | -                              | 1     | -                 | -    | 1                       | -              |
| Josephine           | -                     | 1                    | -              | 2                      | 1           | -          | -                              | 3     | -                 | 1    | 4                       | -              |
| Klamath             | 1                     | -                    | -              | -                      | 1           | -          | -                              | -     | -                 | 2    | 3                       | -              |
| Lake                | -                     | -                    | -              | -                      | -           | -          | -                              | -     | -                 | -    | 1                       | -              |
| Lane                | 2                     | -                    | -              | 3                      | 3           | -          | -                              | 5     | 5                 | 1    | 8                       | 1              |
| Lincoln             | 1                     | -                    | 1              | -                      | 1           | -          | -                              | -     | -                 | -    | 2                       | 1              |
| Linn                | -                     | -                    | -              | 1                      | -           | -          | -                              | 2     | 1                 | -    | 2                       | -              |
| Malheur             | 2                     | -                    | -              | 1                      | -           | -          | -                              | 1     | 2                 | -    | 5                       | -              |
| Marion              | 1                     | -                    | 1              | 2                      | 2           | 1          | -                              | 5     | 3                 | -    | 2                       | -              |
| Morrow              | -                     | -                    | -              | -                      | -           | -          | -                              | -     | -                 | 1    | -                       | -              |
| Multnomah           | 3                     | 4                    | 1              | 4                      | 6           | 2          | -                              | 8     | 2                 | 9    | 13                      | 8              |
| Polk                | -                     | 1                    | -              | -                      | -           | -          | -                              | -     | -                 | -    | 1                       | -              |
| Sherman             | -                     | -                    | -              | -                      | -           | -          | -                              | -     | -                 | -    | -                       | -              |
| Tillamook           | -                     | -                    | -              | -                      | -           | -          | -                              | 1     | -                 | -    | -                       | -              |
| Umatilla            | 1                     | -                    | -              | 2                      | -           | -          | -                              | 1     | -                 | -    | 1                       | 1              |
| Union               | -                     | 1                    | -              | 1                      | -           | -          | -                              | 2     | 1                 | 2    | 2                       | -              |
| Wallowa             | -                     | -                    | -              | -                      | 1           | -          | -                              | -     | -                 | -    | -                       | -              |
| Wasco               | -                     | 1                    | -              | 1                      | -           | -          | -                              | -     | -                 | -    | -                       | -              |
| Washington          | -                     | 2                    | 3              | 4                      | 1           | -          | -                              | 4     | 1                 | 2    | 4                       | 1              |
| Wheeler             | -                     | -                    | -              | -                      | -           | -          | -                              | -     | -                 | -    | 1                       | -              |
| Yamhill             | -                     | -                    | 1              | 1                      | -           | 1          | -                              | -     | 1                 | -    | 2                       | -              |

TABLE 23. TOTAL BIRTHS BY COUNTY OF RESIDENCE AND COMPLICATIONS OF PREGNANCY, OREGON, 1984

| COUNTY OF RESIDENCE | TOTAL BIRTHS | PERCENT WITH COMPLICATIONS | PREECLAMPSIA | ANEMIA | HEMORRHAGE OF PREGNANCY | ECLAMPSIA |
|---------------------|--------------|----------------------------|--------------|--------|-------------------------|-----------|
| STATE               | 39,536       | 6.9                        | 747          | 206    | 117                     | 9         |
| Baker               | 222          | 1.4                        | 2            | -      | -                       | -         |
| Benton              | 871          | 8.0                        | 18           | 13     | 3                       | -         |
| Clackamas           | 3,184        | 5.7                        | 31           | 7      | 6                       | -         |
| Clatsop             | 438          | 8.4                        | 6            | 3      | 3                       | -         |
| Columbia            | 505          | 7.9                        | 6            | 5      | 1                       | -         |
| Coos                | 901          | 9.2                        | 5            | 38     | 3                       | -         |
| Crook               | 208          | 12.5                       | 7            | 1      | 1                       | 1         |
| Curry               | 181          | 8.3                        | 3            | 2      | 1                       | 1         |
| Deschutes           | 1,006        | 11.1                       | 50           | 7      | 5                       | -         |
| Douglas             | 1,383        | 4.2                        | 17           | 5      | 4                       | 1         |
| Gilliam             | 37           | 5.4                        | 1            | -      | -                       | -         |
| Grant               | 115          | 6.1                        | 1            | -      | 3                       | -         |
| Harney              | 99           | 6.1                        | 2            | -      | -                       | -         |
| Hood River          | 250          | 10.4                       | 7            | 2      | -                       | -         |
| Jackson             | 1,934        | 6.4                        | 30           | 20     | 6                       | -         |
| Jefferson           | 241          | 7.9                        | 7            | 1      | 2                       | -         |
| Josephine           | 803          | 10.0                       | 16           | 8      | 4                       | -         |
| Klamath             | 912          | 8.7                        | 20           | 12     | -                       | 1         |
| Lake                | 123          | 8.9                        | 4            | -      | -                       | -         |
| Lane                | 3,888        | 7.0                        | 85           | 13     | 10                      | 1         |
| Lincoln             | 488          | 13.3                       | 7            | 3      | 3                       | -         |
| Linn                | 1,380        | 9.0                        | 34           | 13     | 2                       | -         |
| Malheur             | 493          | 5.5                        | 15           | -      | 2                       | -         |
| Marion              | 3,275        | 5.8                        | 64           | 3      | 3                       | 1         |
| Morrow              | 142          | 2.8                        | -            | 1      | -                       | -         |
| Multnomah           | 8,467        | 6.4                        | 136          | 29     | 22                      | 1         |
| Polk                | 645          | 6.7                        | 12           | 2      | 3                       | -         |
| Sherman             | 27           | 17.4                       | -            | 1      | -                       | -         |
| Tillamook           | 264          | 10.2                       | 10           | 3      | -                       | -         |
| Umatilla            | 1,073        | 6.6                        | 36           | 2      | 3                       | 2         |
| Union               | 381          | 6.0                        | 8            | 2      | 10                      | -         |
| Wallowa             | 101          | 10.9                       | 5            | -      | -                       | -         |
| Wasco               | 350          | 11.4                       | 16           | 2      | 2                       | -         |
| Washington          | 4,177        | 5.8                        | 67           | 7      | 13                      | -         |
| Wheeler             | 15           | 20.0                       | 2            | -      | -                       | -         |
| Yamhill             | 957          | 4.8                        | 17           | 1      | 2                       | -         |

TABLE 23. TOTAL BIRTHS BY COUNTY OF RESIDENCE AND COMPLICATIONS OF PREGNANCY, OREGON, 1984, Continued

| COUNTY OF RESIDENCE | POLYHYDRA-MINIOS | POST-DATES (> 42 WEEKS) | INCOMPETENT CERVIX | GESTATIONAL DIABETES | OTHER | MULTIPLE OF THOSE LISTED |
|---------------------|------------------|-------------------------|--------------------|----------------------|-------|--------------------------|
| STATE               | 42               | 414                     | 87                 | 216                  | 817   | 59                       |
| Baker               | -                | -                       | -                  | 1                    | -     | -                        |
| Benton              | -                | 5                       | 2                  | 1                    | 26    | 2                        |
| Clackamas           | 2                | 19                      | 8                  | 23                   | 85    | 1                        |
| Clatsop             | 1                | 8                       | -                  | 4                    | 10    | 2                        |
| Columbia            | -                | 9                       | 1                  | 3                    | 14    | 1                        |
| Coos                | 2                | 14                      | -                  | 3                    | 14    | 4                        |
| Crook               | -                | 2                       | -                  | -                    | 13    | 1                        |
| Curry               | -                | 1                       | -                  | -                    | 7     | -                        |
| Deschutes           | -                | 3                       | 5                  | 2                    | 38    | 2                        |
| Douglas             | 1                | 4                       | 4                  | 5                    | 15    | 2                        |
| Gilliam             | -                | -                       | -                  | -                    | 1     | -                        |
| Grant               | -                | 1                       | 1                  | -                    | 1     | -                        |
| Harney              | -                | -                       | -                  | 3                    | 1     | -                        |
| Hood River          | 2                | 6                       | 1                  | 3                    | 5     | -                        |
| Jackson             | 1                | 25                      | 3                  | 5                    | 31    | 2                        |
| Jefferson           | -                | 3                       | 2                  | 1                    | 3     | -                        |
| Josephine           | 1                | 9                       | 4                  | -                    | 38    | -                        |
| Klamath             | 1                | 20                      | -                  | 3                    | 20    | 2                        |
| Lake                | -                | 2                       | -                  | 2                    | 2     | 1                        |
| Lane                | 4                | 60                      | 8                  | 14                   | 72    | 5                        |
| Lincoln             | 1                | 30                      | 2                  | 4                    | 12    | 3                        |
| Linn                | 1                | 27                      | 6                  | 8                    | 32    | 1                        |
| Malheur             | -                | 2                       | 1                  | 1                    | 5     | 1                        |
| Marion              | 2                | 52                      | 6                  | 10                   | 46    | 3                        |
| Morrow              | 1                | 1                       | -                  | -                    | 1     | -                        |
| Multnomah           | 13               | 56                      | 18                 | 65                   | 183   | 18                       |
| Polk                | 2                | 9                       | 1                  | 6                    | 7     | 1                        |
| Sherman             | -                | -                       | -                  | 1                    | 2     | -                        |
| Tillamook           | -                | 4                       | 1                  | 3                    | 6     | -                        |
| Umatilla            | 1                | 9                       | -                  | 3                    | 13    | 2                        |
| Union               | -                | -                       | -                  | 1                    | 2     | -                        |
| Wallowa             | -                | 1                       | -                  | -                    | 5     | -                        |
| Wasco               | -                | 5                       | 2                  | 1                    | 11    | 1                        |
| Washington          | 6                | 18                      | 10                 | 35                   | 84    | 4                        |
| Wheeler             | -                | -                       | -                  | -                    | 1     | -                        |
| Yamhill             | -                | 9                       | 1                  | 5                    | 11    | -                        |

TABLE 24. TOTAL BIRTHS BY COUNTY OF RESIDENCE AND CONCURRENT ILLNESS DURING GESTATION, OREGON, 1984

| COUNTY OF RESIDENCE | TOTAL BIRTHS | PERCENT WITH ILLNESS | CHRONIC HYPERTENSION | RH SENSITIZATION | HERPES | DIABETES | ACUTE URINARY TRACT INFECTION | SYPHILIS | RUBELLA |
|---------------------|--------------|----------------------|----------------------|------------------|--------|----------|-------------------------------|----------|---------|
| STATE               | 39,536       | 3.8                  | 159                  | 150              | 283    | 113      | 67                            | 10       | 1       |
| Baker               | 222          | 2.3                  | 1                    | -                | 1      | 2        | -                             | -        | -       |
| Benton              | 871          | 1.8                  | 1                    | 1                | -      | 1        | -                             | -        | -       |
| Clackamas           | 3,184        | 3.5                  | 18                   | 26               | 16     | 16       | 1                             | -        | -       |
| Clatsop             | 438          | 5.7                  | 3                    | 2                | 6      | 2        | 2                             | -        | -       |
| Columbia            | 505          | 4.4                  | 4                    | 3                | 4      | 2        | 1                             | -        | -       |
| Coos                | 901          | 8.1                  | 6                    | 1                | 13     | 3        | 5                             | -        | -       |
| Crook               | 208          | 1.9                  | -                    | -                | 1      | -        | 1                             | -        | -       |
| Curry               | 181          | 6.6                  | 2                    | -                | 1      | -        | 2                             | -        | -       |
| Deschutes           | 1,006        | 4.6                  | 3                    | 4                | 14     | 2        | 2                             | 1        | -       |
| Douglas             | 1,383        | 2.4                  | 5                    | 4                | 13     | 2        | 1                             | -        | -       |
| Gilliam             | 37           | 8.1                  | 1                    | -                | 1      | -        | -                             | -        | -       |
| Grant               | 115          | 2.6                  | -                    | -                | 1      | -        | -                             | -        | -       |
| Harney              | 99           | 5.1                  | 1                    | -                | 1      | 1        | -                             | -        | -       |
| Hood River          | 250          | 3.6                  | 1                    | -                | -      | 3        | -                             | 1        | 1       |
| Jackson             | 1,934        | 3.6                  | 10                   | -                | 9      | 4        | 4                             | -        | -       |
| Jefferson           | 241          | 5.4                  | 1                    | 4                | 4      | -        | 1                             | -        | -       |
| Josephine           | 803          | 7.0                  | -                    | 1                | 14     | 3        | -                             | 1        | -       |
| Klamath             | 912          | 3.2                  | 2                    | -                | 4      | 3        | 4                             | -        | -       |
| Lake                | 123          | 1.6                  | 1                    | -                | -      | -        | 1                             | -        | -       |
| Lane                | 3,888        | 2.9                  | 17                   | 5                | 24     | 6        | 6                             | 2        | -       |
| Lincoln             | 488          | 5.1                  | 2                    | 3                | 6      | 1        | 2                             | -        | -       |
| Linn                | 1,380        | 3.6                  | 4                    | 2                | 5      | 3        | 7                             | 1        | -       |
| Malheur             | 493          | 2.8                  | 1                    | 1                | 1      | 1        | 3                             | -        | -       |
| Marion              | 3,275        | 2.8                  | 8                    | 3                | 20     | 6        | 3                             | 1        | -       |
| Morrow              | 142          | 2.8                  | -                    | -                | -      | 1        | -                             | -        | -       |
| Multnomah           | 8,467        | 4.3                  | 30                   | 61               | 69     | 28       | 7                             | 3        | -       |
| Polk                | 645          | 4.7                  | 2                    | 1                | 6      | 2        | 3                             | -        | -       |
| Sherman             | 27           | 11.1                 | 2                    | -                | -      | -        | -                             | -        | -       |
| Tillamook           | 264          | 6.8                  | -                    | -                | 4      | -        | 1                             | -        | -       |
| Umatilla            | 1,073        | 1.5                  | 2                    | -                | 3      | 2        | 2                             | -        | -       |
| Union               | 381          | 6.8                  | 3                    | -                | 5      | 1        | -                             | -        | -       |
| Wallowa             | 101          | 8.9                  | 1                    | -                | 1      | -        | -                             | -        | -       |
| Wasco               | 350          | 4.6                  | 6                    | -                | 1      | 1        | -                             | -        | -       |
| Washington          | 4,177        | 3.9                  | 17                   | 27               | 30     | 16       | 7                             | -        | -       |
| Wheeler             | 15           | 0.0                  | -                    | -                | -      | -        | -                             | -        | -       |
| Yamhill             | 957          | 2.6                  | 4                    | 1                | 5      | 1        | 1                             | -        | -       |

TABLE 24. TOTAL BIRTHS BY COUNTY OF RESIDENCE AND CONCURRENT ILLNESS DURING GESTATION, OREGON, 1984, Continued

| COUNTY OF RESIDENCE | THYROID DISEASE | HEART DISEASE | ABDOMINAL SURGERY | COMPLICATIONS FROM IUD | CHRONIC RENAL DISEASE | MALIGNANT DISEASE | EPILEPSY | OTHER | MULTIPLE OF THOSE LISTED |
|---------------------|-----------------|---------------|-------------------|------------------------|-----------------------|-------------------|----------|-------|--------------------------|
| STATE               | 27              | 16            | 6                 | 4                      | 5                     | 7                 | 50       | 590   | 13                       |
| Baker               | -               | -             | -                 | -                      | -                     | -                 | -        | 1     | -                        |
| Benton              | 1               | -             | -                 | -                      | -                     | -                 | 3        | 9     | -                        |
| Clackamas           | -               | -             | -                 | 1                      | -                     | 1                 | 1        | 32    | -                        |
| Clatsop             | -               | -             | -                 | -                      | -                     | -                 | -        | 10    | -                        |
| Columbia            | -               | -             | -                 | -                      | -                     | -                 | -        | 8     | -                        |
| Coos                | -               | 1             | -                 | -                      | -                     | -                 | 2        | 42    | -                        |
| Crook               | -               | -             | -                 | -                      | -                     | -                 | -        | 2     | -                        |
| Curry               | -               | -             | -                 | -                      | -                     | -                 | -        | 7     | -                        |
| Deschutes           | 1               | -             | -                 | -                      | -                     | -                 | 2        | 16    | 1                        |
| Douglas             | -               | 1             | -                 | -                      | -                     | -                 | -        | 7     | -                        |
| Gilliam             | -               | -             | -                 | -                      | -                     | -                 | -        | 1     | -                        |
| Grant               | 1               | -             | -                 | -                      | -                     | -                 | -        | 1     | -                        |
| Harney              | -               | -             | -                 | -                      | -                     | -                 | -        | 2     | -                        |
| Hood River          | -               | -             | -                 | -                      | -                     | -                 | -        | 3     | -                        |
| Jackson             | 3               | -             | 1                 | 1                      | 1                     | 1                 | 2        | 34    | -                        |
| Jefferson           | -               | -             | -                 | -                      | -                     | -                 | -        | 3     | -                        |
| Josephine           | -               | -             | -                 | -                      | -                     | 1                 | 5        | 31    | -                        |
| Klamath             | 1               | 1             | 1                 | -                      | -                     | -                 | 2        | 10    | 1                        |
| Lake                | -               | -             | -                 | -                      | -                     | -                 | -        | -     | -                        |
| Lane                | 4               | 4             | -                 | -                      | 1                     | -                 | 3        | 40    | 2                        |
| Lincoln             | 1               | -             | -                 | -                      | -                     | -                 | 1        | 9     | -                        |
| Linn                | 1               | -             | -                 | 1                      | -                     | -                 | 4        | 20    | 2                        |
| Malheur             | -               | -             | -                 | -                      | -                     | -                 | 1        | 6     | -                        |
| Marion              | 4               | 1             | -                 | 1                      | -                     | 1                 | 4        | 38    | 1                        |
| Morrow              | 1               | 1             | -                 | -                      | -                     | -                 | -        | 1     | -                        |
| Multnomah           | 6               | 4             | 1                 | -                      | 2                     | 2                 | 11       | 133   | 3                        |
| Polk                | 1               | 1             | -                 | -                      | -                     | -                 | 1        | 13    | -                        |
| Sherman             | -               | -             | -                 | -                      | -                     | -                 | -        | 1     | -                        |
| Tillamook           | 2               | 1             | -                 | -                      | -                     | -                 | 1        | 9     | -                        |
| Umatilla            | -               | -             | -                 | -                      | 1                     | -                 | 2        | 4     | -                        |
| Union               | -               | -             | -                 | -                      | -                     | -                 | -        | 16    | 1                        |
| Wallowa             | -               | -             | -                 | -                      | -                     | -                 | -        | 6     | 1                        |
| Wasco               | -               | -             | -                 | -                      | -                     | -                 | -        | 8     | -                        |
| Washington          | -               | -             | 2                 | -                      | -                     | 1                 | 5        | 56    | 1                        |
| Wheeler             | -               | -             | -                 | -                      | -                     | -                 | -        | -     | -                        |
| Yamhill             | -               | 1             | 1                 | -                      | -                     | -                 | -        | 11    | -                        |



TABLE 25. MATERNAL RISK FACTORS BY COUNTY OF RESIDENCE, OREGON, 1984<sup>1/</sup>

| County     | Live Births | Inadequate Care | 17 Years or Younger | 35 Years or Older | 4+ Live Births | Non-White | Less than 12 Years Education | Un-Wed | Plural |
|------------|-------------|-----------------|---------------------|-------------------|----------------|-----------|------------------------------|--------|--------|
| TOTAL      | 39,949      | 6.8             | 3.6                 | 6.2               | 9.1            | 7.2       | 19.3                         | 17.4   | 2.2    |
| Baker      | 222         | 6.3             | 6.4                 | 5.0               | 9.9            | 0.9       | 24.8                         | 15.3   | 1.8    |
| Benton     | 871         | 2.5             | 1.3                 | 8.3               | 7.5            | 6.7       | 8.7                          | 9.6    | 1.5    |
| Clackamas  | 3,184       | 5.6             | 2.4                 | 7.8               | 9.1            | 3.9       | 15.0                         | 13.2   | 3.5    |
| Clatsop    | 438         | 6.8             | 3.4                 | 7.8               | 9.2            | 3.4       | 20.3                         | 15.3   | 0.9    |
| Columbia   | 505         | 4.4             | 4.0                 | 7.3               | 9.6            | 2.0       | 22.3                         | 14.3   | 2.4    |
| Coos       | 901         | 8.8             | 4.4                 | 4.0               | 7.9            | 6.0       | 25.5                         | 20.5   | 0.9    |
| Crook      | 208         | 5.3             | 1.4                 | 3.4               | 7.2            | 1.4       | 28.4                         | 10.1   | 3.4    |
| Curry      | 181         | 6.3             | 2.2                 | 3.9               | 7.2            | 1.7       | 18.3                         | 14.9   | 0.0    |
| Deschutes  | 1,006       | 7.4             | 3.5                 | 5.6               | 8.5            | 3.5       | 17.6                         | 13.1   | 2.5    |
| Douglas    | 1,383       | 5.8             | 4.6                 | 4.2               | 9.1            | 2.5       | 23.9                         | 18.3   | 2.2    |
| Gilliam    | 37          | 5.4             | 0.0                 | 2.7               | 10.8           | 0.0       | 11.8                         | 8.1    | 0.0    |
| Grant      | 115         | 7.0             | 3.5                 | 7.0               | 8.7            | 2.6       | 18.3                         | 4.3    | 0.0    |
| Harney     | 99          | 16.2            | 3.0                 | 5.1               | 12.1           | 5.1       | 19.6                         | 11.1   | 0.0    |
| Hood River | 250         | 10.4            | 4.0                 | 5.2               | 12.8           | 4.8       | 32.0                         | 10.4   | 2.0    |
| Jackson    | 1,934       | 8.2             | 4.0                 | 6.5               | 8.8            | 2.9       | 19.9                         | 17.9   | 2.6    |
| Jefferson  | 241         | 10.8            | 7.9                 | 2.5               | 19.1           | 41.1      | 37.1                         | 29.0   | 0.4    |
| Josephine  | 803         | 9.1             | 5.4                 | 5.9               | 9.6            | 4.2       | 25.1                         | 21.8   | 1.6    |
| Klamath    | 912         | 13.4            | 5.3                 | 5.2               | 8.4            | 8.9       | 22.5                         | 17.9   | 1.9    |
| Lake       | 123         | 10.6            | 2.4                 | 3.3               | 7.3            | 2.4       | 17.2                         | 10.6   | 1.6    |
| Lane       | 3,888       | 7.1             | 3.4                 | 6.6               | 8.7            | 3.9       | 17.9                         | 18.4   | 2.7    |
| Lincoln    | 488         | 7.4             | 4.1                 | 5.9               | 10.0           | 5.3       | 20.5                         | 18.6   | 3.3    |
| Linn       | 1,380       | 8.0             | 4.2                 | 3.9               | 8.3            | 4.3       | 22.9                         | 17.8   | 2.0    |
| Malheur    | 493         | 5.7             | 5.9                 | 6.7               | 20.1           | 5.9       | 30.3                         | 17.8   | 1.6    |
| Marion     | 3,275       | 7.4             | 4.2                 | 5.9               | 11.5           | 4.5       | 23.1                         | 18.2   | 1.4    |
| Morrow     | 142         | 17.6            | 5.6                 | 2.8               | 13.4           | 2.8       | 29.5                         | 12.0   | 0.0    |
| Multnomah  | 8,467       | 6.3             | 3.7                 | 6.8               | 7.4            | 16.0      | 18.5                         | 22.9   | 2.0    |
| Polk       | 645         | 6.2             | 4.2                 | 5.6               | 11.3           | 2.9       | 18.0                         | 15.7   | 2.2    |
| Sherman    | 27          | 3.7             | 7.4                 | 3.7               | 3.7            | 0.0       | 18.5                         | 7.4    | 11.1   |
| Tillamook  | 264         | 3.4             | 4.5                 | 5.3               | 6.1            | 2.7       | 20.9                         | 14.8   | 0.8    |
| Umatilla   | 1,073       | 13.5            | 5.0                 | 3.4               | 11.1           | 4.3       | 29.5                         | 18.8   | 2.2    |
| Union      | 381         | 5.2             | 2.9                 | 4.7               | 10.3           | 3.9       | 15.9                         | 13.6   | 2.6    |
| Wallowa    | 101         | 3.0             | 0.0                 | 7.9               | 7.9            | 2.0       | 4.0                          | 11.9   | 0.0    |
| Wasco      | 350         | 10.9            | 4.0                 | 7.4               | 11.5           | 6.6       | 24.6                         | 17.7   | 2.0    |
| Washington | 4,177       | 3.7             | 2.0                 | 7.3               | 8.5            | 7.4       | 12.3                         | 11.2   | 2.3    |
| Wheeler    | 15          | 0.0             | 0.0                 | 0.0               | 14.3           | 0.0       | 21.4                         | 6.7    | 0.0    |
| Yamhill    | 957         | 8.5             | 4.0                 | 4.7               | 12.6           | 2.7       | 20.8                         | 15.6   | 2.4    |

<sup>1/</sup> Risk factors expressed as percentage of mothers falling into risk category.

TABLE 26. INADEQUATE PRENATAL CARE BY MOTHER'S AGE, OREGON, 1984

| MOTHER'S AGE | ALL LIVE BIRTHS | ADEQUATE CARE | INADEQUATE CARE <sup>1</sup> |                   | NOT STATED |
|--------------|-----------------|---------------|------------------------------|-------------------|------------|
|              |                 |               | Number                       | Rate <sup>2</sup> |            |
| STATE        | 39,536          | 36,730        | 2,696                        | 68.19             | 110        |
| Under 15     | 56              | 45            | 11                           | 196.43            | -          |
| 15-19        | 4,245           | 3,535         | 697                          | 164.19            | 13         |
| 20-24        | 12,035          | 10,990        | 1,012                        | 84.09             | 33         |
| 25-29        | 12,783          | 12,186        | 558                          | 43.65             | 39         |
| 30-34        | 7,961           | 7,670         | 275                          | 34.54             | 16         |
| 35-39        | 2,193           | 2,071         | 116                          | 52.90             | 6          |
| 40-44        | 248             | 222           | 24                           | 96.77             | 2          |
| 45+          | 13              | 11            | 2                            | 153.85            | -          |
| Not Stated   | -               | -             | -                            | -                 | -          |

<sup>1</sup> Inadequate care = Care began in third trimester or number of visits is four or less.

<sup>2</sup> Rate per 1,000 live births.

TABLE 27. INADEQUATE PRENATAL CARE BY RACE, OREGON, 1984

| RACE OF CHILD                   | ALL LIVE BIRTHS | ADEQUATE CARE | INADEQUATE CARE <sup>1</sup> |                   | NOT STATED |
|---------------------------------|-----------------|---------------|------------------------------|-------------------|------------|
|                                 |                 |               | Number                       | Rate <sup>2</sup> |            |
| STATE                           | 39,536          | 36,730        | 2,696                        | 68.19             | 110        |
| White                           | 35,082          | 32,901        | 2,087                        | 59.49             | 94         |
| Black                           | 907             | 804           | 101                          | 111.36            | 2          |
| Indian                          | 689             | 550           | 138                          | 200.29            | 1          |
| Chinese                         | 178             | 168           | 10                           | 56.18             | -          |
| Japanese                        | 158             | 156           | 1                            | 6.33              | 1          |
| Hawaiian                        | 52              | 45            | 6                            | 115.38            | 1          |
| Filipino                        | 136             | 119           | 17                           | 125.00            | -          |
| Hispanic                        | 1,601           | 1,324         | 273                          | 170.52            | 4          |
| Other Asian & Pacific Islanders | 714             | 648           | 63                           | 88.24             | 3          |
| Other Non-White                 | 14              | 14            | -                            | -                 | -          |
| Not Stated                      | 5               | 1             | -                            | -                 | 4          |

<sup>1</sup> Inadequate care = Care began in third trimester or number of visits is four or less.

<sup>2</sup> Rate per 1,000 live births.

TABLE 28. INADEQUATE PRENATAL CARE BY MOTHER'S EDUCATION, OREGON, 1984

| YEARS OF<br>EDUCATION | ALL<br>LIVE<br>BIRTHS | ADEQUATE<br>CARE | INADEQUATE CARE <sup>1</sup> |                   | NOT<br>STATED |
|-----------------------|-----------------------|------------------|------------------------------|-------------------|---------------|
|                       |                       |                  | Number                       | Rate <sup>2</sup> |               |
| STATE                 | 39,536                | 36,730           | 2,696                        | 68.19             | 110           |
| Zero                  | 90                    | 53               | 36                           | 400.00            | 1             |
| One                   | 43                    | 36               | 7                            | 162.79            | -             |
| Two                   | 54                    | 40               | 14                           | 259.26            | -             |
| Three                 | 90                    | 66               | 24                           | 266.67            | -             |
| Four                  | 64                    | 49               | 15                           | 234.38            | -             |
| Five                  | 68                    | 41               | 27                           | 397.06            | -             |
| Six                   | 183                   | 137              | 45                           | 245.90            | 1             |
| Seven                 | 129                   | 91               | 38                           | 294.57            | -             |
| Eight                 | 580                   | 446              | 132                          | 227.59            | 2             |
| Nine                  | 1,236                 | 1,005            | 231                          | 186.89            | -             |
| Ten                   | 2,350                 | 1,978            | 370                          | 157.45            | 2             |
| Eleven                | 2,590                 | 2,185            | 404                          | 155.98            | 1             |
| Twelve                | 15,355                | 14,457           | 888                          | 57.83             | 10            |
| Thirteen              | 4,010                 | 3,844            | 166                          | 41.40             | -             |
| Fourteen              | 3,809                 | 3,692            | 115                          | 30.19             | 2             |
| Fifteen               | 1,488                 | 1,442            | 45                           | 30.24             | 1             |
| Sixteen               | 4,212                 | 4,152            | 57                           | 13.53             | 3             |
| Seventeen +           | 2,454                 | 2,430            | 24                           | 9.78              | -             |
| Not Stated            | 731                   | 586              | 58                           | 79.34             | 87            |

<sup>1</sup> Inadequate care = Care began in third trimester or number of visits is four or less.

<sup>2</sup> Rate per 1,000 live births.

TABLE 29. INADEQUATE PRENATAL CARE BY BIRTH WEIGHT, OREGON, 1984

| BIRTH WEIGHT<br>IN GRAMS | ALL<br>LIVE<br>BIRTHS | ADEQUATE<br>CARE | INADEQUATE CARE <sup>1</sup> |                   | NOT<br>STATED |
|--------------------------|-----------------------|------------------|------------------------------|-------------------|---------------|
|                          |                       |                  | Number                       | Rate <sup>2</sup> |               |
| STATE                    | 39,536                | 36,730           | 2,696                        | 68.19             | -110          |
| 499 or less              | 36                    | 15               | 18                           | 500.00            | 3             |
| 500-999                  | 116                   | 79               | 36                           | 310.34            | 1             |
| 1000-1499                | 193                   | 158              | 35                           | 181.35            | -             |
| 1500-1999                | 367                   | 309              | 57                           | 155.31            | 1             |
| 2000-2499                | 1,324                 | 1,155            | 165                          | 124.62            | 4             |
| 2500-2999                | 4,865                 | 4,385            | 467                          | 95.99             | 13            |
| 3000-3499                | 13,601                | 12,582           | 979                          | 71.98             | 40            |
| 3500-3999                | 13,223                | 12,531           | 656                          | 49.61             | 36            |
| 4000-4499                | 4,726                 | 4,499            | 220                          | 46.55             | 7             |
| 4500-4999                | 960                   | 900              | 56                           | 58.33             | 4             |
| 5000 +                   | 122                   | 116              | 6                            | 49.18             | -             |
| Not Stated               | 3                     | 1                | 1                            | 333.33            | 1             |

<sup>1</sup> Inadequate care = Care began in third trimester or number of visits is four or less.

<sup>2</sup> Rate per 1,000 live births.



TABLE 30. INADEQUATE PRENATAL CARE, BY COUNTY OF RESIDENCE, OREGON, 1984

| COUNTY OF RESIDENCE | ALL LIVE BIRTHS | ADEQUATE CARE | INADEQUATE CARE <sup>1</sup> |                   | NOT STATED |
|---------------------|-----------------|---------------|------------------------------|-------------------|------------|
|                     |                 |               | Number                       | Rate <sup>2</sup> |            |
| STATE               | 39,536          | 36,730        | 2,696                        | 68.19             | 110        |
| Baker               | 222             | 208           | 14                           | 63.06             | -          |
| Benton              | 871             | 849           | 22                           | 25.26             | -          |
| Clackamas           | 3,184           | 3,002         | 177                          | 55.59             | 5          |
| Clatsop             | 438             | 408           | 30                           | 68.49             | -          |
| Columbia            | 505             | 480           | 22                           | 43.56             | 3          |
| Coos                | 901             | 820           | 79                           | 87.68             | 2          |
| Crook               | 208             | 197           | 11                           | 52.88             | -          |
| Curry               | 181             | 133           | 9                            | 49.72             | 39         |
| Deschutes           | 1,006           | 930           | 74                           | 73.56             | 2          |
| Douglas             | 1,383           | 1,302         | 80                           | 57.85             | 1          |
| Gilliam             | 37              | 35            | 2                            | 54.05             | -          |
| Grant               | 115             | 107           | 8                            | 69.57             | -          |
| Harney              | 99              | 83            | 16                           | 161.62            | -          |
| Hood River          | 250             | 223           | 26                           | 104.00            | 1          |
| Jackson             | 1934            | 1769          | 157                          | 81.18             | 8          |
| Jefferson           | 241             | 215           | 26                           | 107.88            | -          |
| Josephine           | 803             | 728           | 73                           | 90.91             | 2          |
| Klamath             | 912             | 786           | 122                          | 133.77            | 4          |
| Lake                | 123             | 110           | 13                           | 105.69            | -          |
| Lane                | 3,888           | 3,609         | 274                          | 70.47             | 5          |
| Lincoln             | 488             | 452           | 36                           | 73.77             | -          |
| Linn                | 1,380           | 1,267         | 110                          | 79.71             | 3          |
| Malheur             | 493             | 461           | 28                           | 56.80             | 4          |
| Marion              | 3,275           | 3,030         | 241                          | 73.59             | 4          |
| Morrow              | 142             | 117           | 25                           | 176.06            | -          |
| Multnomah           | 8,467           | 7,923         | 531                          | 62.71             | 13         |
| Polk                | 645             | 603           | 40                           | 62.02             | 2          |
| Sherman             | 27              | 26            | 1                            | 37.04             | -          |
| Tillamook           | 264             | 255           | 9                            | 34.09             | -          |
| Umatilla            | 1,073           | 926           | 144                          | 134.20            | 3          |
| Union               | 381             | 361           | 20                           | 52.49             | -          |
| Wallowa             | 101             | 98            | 3                            | 29.70             | -          |
| Wasco               | 350             | 311           | 38                           | 108.57            | 1          |
| Washington          | 4,177           | 4,018         | 153                          | 36.63             | 6          |
| Wheeler             | 15              | 14            | 1                            | 66.67             | -          |
| Yamhill             | 957             | 874           | 81                           | 84.64             | 2          |

<sup>1</sup> Inadequate care = Care began in third trimester or number of visits is four or less.

<sup>2</sup> Rate per 1,000 live births

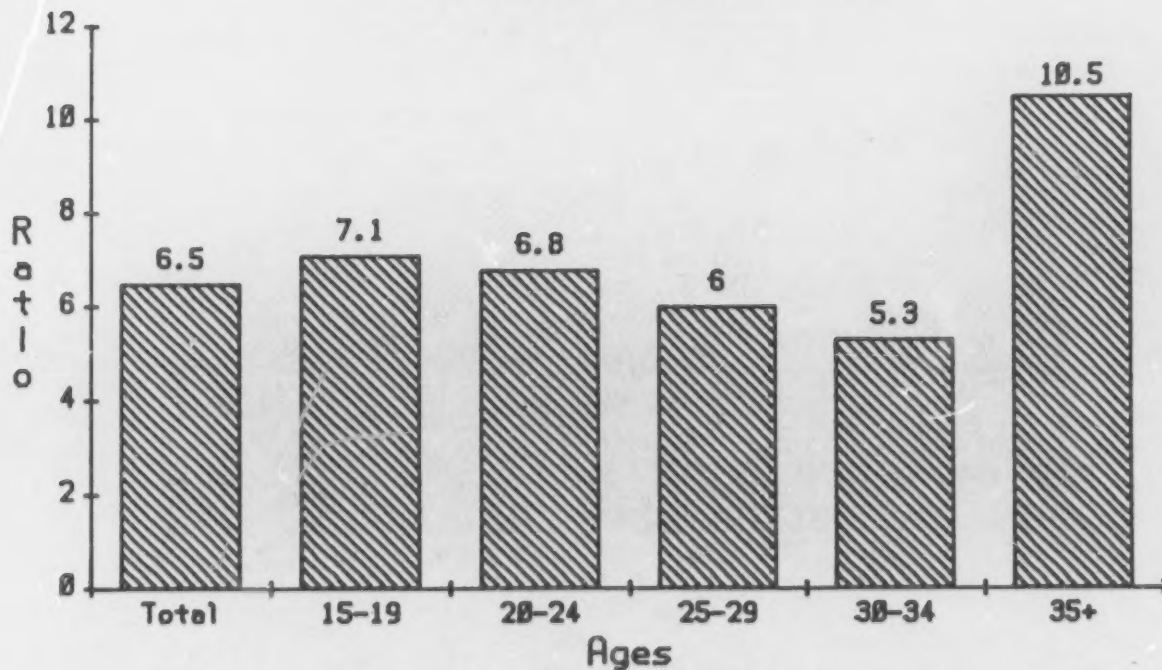
# FETAL DEATHS

## FETAL DEATHS

**NUMBER AND RATIO** In 1984, the number of fetal deaths declined very slightly to 257. The fetal death ratio (comparison of deaths to births) also declined to 6.5 fetal deaths per 1,000 live births from the 1983 ratio of 6.7. The fetal ratio has been slowly decreasing during the last 10 years. Since 1974, the ratio has dropped 20 percent. Fetal deaths in Oregon must be reported where the gestation period was over 20 weeks.

**DISTRIBUTION OF MOTHER'S AGE** Of the 257 fetal deaths in 1984, the largest percentage (32%) occurred to women 20-24. This age group also had a large number of births. Adjusting for age, the fetal death ratio shows teens and women over 34 with a higher risk of miscarriage in the later stages of pregnancy. The fetal death ratio for women over 34 is nearly double that for women 30-34 (see Figure 4).

FIGURE 4. FETAL DEATH RATIO BY AGE OF WOMAN  
Oregon 1984  
(Deaths per 1,000 births)



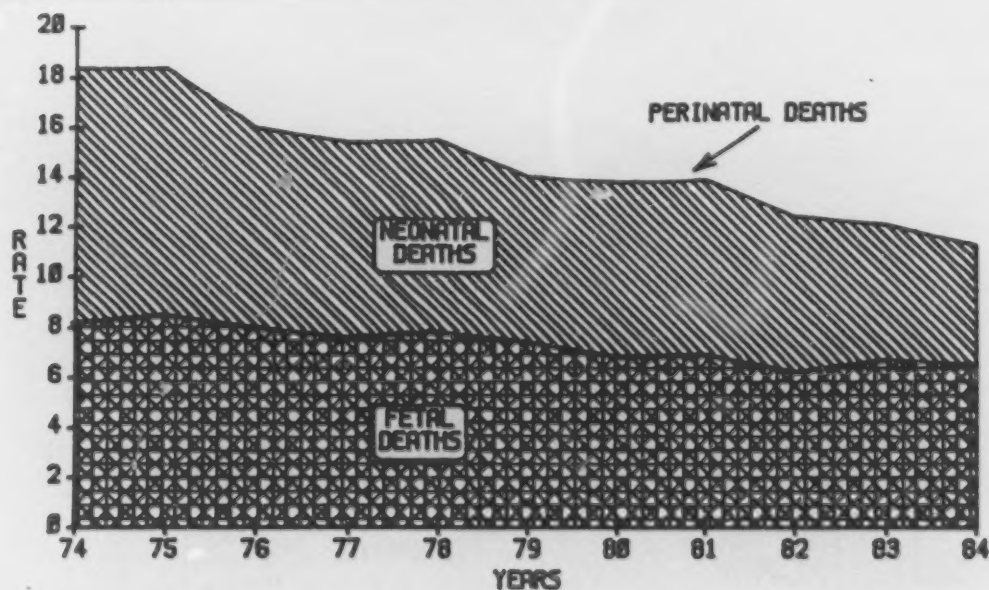
#### DISTRIBUTION BY RACE

Most fetal deaths are to White women, which is no surprise since the largest numbers of births are also to this racial group. The fetal death ratio by racial group does account for the population differences. Since the fetal death numbers for our minority groups are so small, they are grouped together for analysis as Non-white. In 1984, Whites had a fetal death ratio of 6.5 per 1,000 births while Non-whites had a ratio of 4.2. Since less than 25 fetal deaths have occurred to the Non-white group in any one of the last five years, the comparison between groups is made more reliable by using a five-year span. However, the five-year figure is very close to the 1984 ratio. Between 1980 and 1984, the Non-white group experienced a fetal death ratio of 5.1 compared to the White ratio of 6.6. However, the Non-white ratio is not statistically significantly different than the White ratio.

#### PERINATAL DEATHS

Perinatal deaths which include late gestation fetal deaths and neonatal infant deaths may be "considered as reflecting standards of obstetric and pediatric care as well as the effectiveness of social measures in general and of public health actions in particular."<sup>2/</sup> Perinatal deaths (Figure 5) in Oregon have been declining over the last decade due largely to the more rapid decline in neonatal deaths. Fetal death ratios have proven to be stubbornly resistant to change.

FIGURE 5. PERINATAL DEATHS PER 1000 BIRTHS  
OREGON RESIDENTS, 1974-1984



<sup>2/</sup> A WHO Report on Social and Biological Effects on Perinatal Mortality, Vol. 1, World Health Organization, 1978.



TABLE 31. FETAL DEATHS BY WEEKS OF GESTATION AND CAUSE OF DEATH, OREGON, 1984.

| CAUSE OF<br>DEATH                                        | TOTAL | WEEKS OF GESTATION |       |       |       |    |       |    |     |      |
|----------------------------------------------------------|-------|--------------------|-------|-------|-------|----|-------|----|-----|------|
|                                                          |       | 20-23              | 24-27 | 28-31 | 32-35 | 36 | 37-39 | 40 | 41+ | N.S. |
| Total                                                    | 257   | 67                 | 38    | 24    | 37    | 12 | 27    | 28 | 21  | 3    |
| Congenital Anomalies                                     | 29    | 6                  | 6     | 4     | 3     | 3  | 2     | 1  | 3   | 1    |
| Affected by Maternal Condition Which May be Unrelated    | 18    | 6                  | 3     | 3     | 3     | 2  | -     | 1  | -   | -    |
| Affected by Maternal Complications of Pregnancy          | 31    | 24                 | 5     | 1     | -     | -  | -     | 1  | -   | -    |
| Complications of Placenta, Cord & Membranes              | 115   | 22                 | 14    | 13    | 15    | 6  | 17    | 16 | 10  | 2    |
| Slow Fetal Growth & Fetal Malnutrition                   | 3     | -                  | 1     | -     | 2     | -  | -     | -  | -   | -    |
| Disorders Relating To Short Gestation & Low Birth Weight | 2     | 2                  | -     | -     | -     | -  | -     | -  | -   | -    |
| Disorder Relating To Long Gestation & High Birth Weight  | 3     | -                  | -     | -     | -     | -  | -     | -  | 3   | -    |
| Intrauterine Hypoxia & Birth Asphyxia                    | 9     | 1                  | 2     | -     | -     | -  | 1     | 3  | 2   | -    |
| Other Respiratory                                        | 2     | -                  | -     | -     | 2     | -  | -     | -  | -   | -    |
| Haemolytic Disease                                       | 2     | -                  | 1     | -     | -     | -  | 1     | -  | -   | -    |
| Endocrine or Metabolic Disturbances                      | 5     | 1                  | -     | 1     | 3     | -  | -     | -  | -   | -    |
| Integument & Temperature Regulation                      | 3     | 2                  | 1     | -     | -     | -  | -     | -  | -   | -    |
| Other & Ill-Defined                                      | 53    | 7                  | 9     | 4     | 12    | 1  | 9     | 8  | 3   | -    |



TABLE 32. FETAL DEATHS BY WEEKS OF GESTATION AND AGE OF MOTHER, OREGON, 1964.

| AGE OF<br>MOTHER | TOTAL | WEEKS OF GESTATION |       |       |       |    |       |    |     |      |
|------------------|-------|--------------------|-------|-------|-------|----|-------|----|-----|------|
|                  |       | 20-23              | 24-27 | 28-31 | 32-35 | 36 | 37-39 | 40 | 41+ | N.S. |
| Total            | 257   | 67                 | 38    | 24    | 37    | 12 | 27    | 28 | 21  | 3    |
| 15-19            | 30    | 11                 | 3     | 5     | 4     | 1  | -     | 4  | 2   | -    |
| 20-24            | 82    | 21                 | 11    | 9     | 17    | 3  | 5     | 10 | 6   | -    |
| 25-29            | 77    | 21                 | 14    | 7     | 7     | 2  | 10    | 5  | 10  | 1    |
| 30-34            | 42    | 7                  | 7     | 1     | 8     | 3  | 6     | 6  | 3   | 1    |
| 35-39            | 23    | 7                  | 3     | 2     | 1     | 2  | 5     | 3  | -   | -    |
| 40-44            | 2     | -                  | -     | -     | -     | 1  | 1     | -  | -   | -    |
| 45 & over        | 1     | -                  | -     | -     | -     | -  | -     | -  | -   | 1    |

TABLE 33. FETAL DEATHS BY AGE OF MOTHER AND COUNTY OF RESIDENCE, OREGON, 1984

| COUNTY OF<br>RESIDENCE | AGE OF MOTHER |       |       |       |       |       |       |     |      |
|------------------------|---------------|-------|-------|-------|-------|-------|-------|-----|------|
|                        | TOTAL         | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45+ | N.S. |
| STATE                  | 257           | 30    | 82    | 77    | 42    | 23    | 2     | 1   | -    |
| State Ratio            | 6.5           | 7.1   | 6.8   | 6.0   | 5.3   | 10.5  | -     | -   | -    |
| Baker                  | 5             | 3     | -     | -     | 2     | -     | -     | -   | -    |
| Benton                 | 7             | -     | 4     | 2     | -     | 1     | -     | -   | -    |
| Clackamas              | 17            | -     | 5     | 7     | 2     | 3     | -     | -   | -    |
| Clatsop                | 4             | -     | -     | 3     | -     | 1     | -     | -   | -    |
| Columbia               | 1             | -     | 1     | -     | -     | -     | -     | -   | -    |
| Coos                   | 10            | 2     | 3     | 3     | 1     | 1     | -     | -   | -    |
| Crook                  | 4             | 2     | 2     | -     | -     | -     | -     | -   | -    |
| Curry                  | 1             | 1     | -     | -     | -     | -     | -     | -   | -    |
| Deschutes              | 9             | 2     | 5     | 2     | -     | -     | -     | -   | -    |
| Douglas                | 7             | -     | 4     | 1     | 1     | 1     | -     | -   | -    |
| Gilliam                | -             | -     | -     | -     | -     | -     | -     | -   | -    |
| Grant                  | 2             | -     | 1     | -     | 1     | -     | -     | -   | -    |
| Harney                 | 1             | -     | 1     | -     | -     | -     | -     | -   | -    |
| Hood River             | 2             | -     | 2     | -     | -     | -     | -     | -   | -    |
| Jackson                | 7             | 1     | 3     | 2     | -     | 1     | -     | -   | -    |
| Jefferson              | -             | -     | -     | -     | -     | -     | -     | -   | -    |
| Josephine              | 9             | 1     | 4     | 1     | 2     | 1     | -     | -   | -    |
| Klamath                | 3             | -     | -     | 2     | -     | 1     | -     | -   | -    |
| Lake                   | -             | -     | -     | -     | -     | -     | -     | -   | -    |
| Lane                   | 28            | 3     | 9     | 7     | 8     | 1     | -     | -   | -    |
| Lincoln                | -             | -     | -     | -     | -     | -     | -     | -   | -    |
| Linn                   | 11            | 3     | 4     | 3     | 1     | -     | -     | -   | -    |
| Malheur                | 4             | 1     | 1     | 1     | -     | 1     | -     | -   | -    |
| Marion                 | 25            | 2     | 6     | 8     | 7     | 2     | -     | -   | -    |
| Morrow                 | 3             | -     | -     | 3     | -     | -     | -     | -   | -    |
| Multnomah              | 35            | 2     | 12    | 16    | 3     | 2     | -     | -   | -    |
| Polk                   | 4             | 1     | -     | -     | 2     | 1     | -     | -   | -    |
| Sherman                | 1             | -     | -     | 1     | -     | -     | -     | -   | -    |
| Tillamook              | -             | -     | -     | -     | -     | -     | -     | -   | -    |
| Umatilla               | 10            | 1     | 1     | 5     | 1     | -     | 1     | 1   | -    |
| Union                  | 5             | 2     | -     | 1     | 1     | -     | 1     | -   | -    |
| Wallowa                | -             | -     | -     | -     | -     | -     | -     | -   | -    |
| Wasco                  | 1             | -     | 1     | -     | -     | -     | -     | -   | -    |
| Washington             | 27            | -     | 9     | 5     | 9     | 4     | -     | -   | -    |
| Wheeler                | -             | -     | -     | -     | -     | -     | -     | -   | -    |
| Yamhill                | 14            | 3     | 4     | 4     | 1     | 2     | -     | -   | -    |

No ratio for events occurring less than 5 times.  
Ratios per 1,000 live births.

# MORTALITY

## MORTALITY

### OREGON DEATH RATE EXCEEDS U.S.

Prior to 1983, Oregon's death rate had been declining; this decade-long trend was reversed in that year, with the increase continuing in 1984. A rate of 868.5 resident deaths per 100,000 population was recorded in 1984 compared to 826.4 in 1980 and 876.1 in 1975. For the first time since 1973, Oregon's death rate exceeded the United States' rate (866.7), albeit marginally. Since 1980, the death rate for females increased 10.1 percent (724.1 to 797.5) while the male rate increased only 1.1 percent (931.8 to 941.9). Mortality decreased in 1984 among children under 15 years old, but increased for persons 15 and older, except for 15-24 year-old females and males 65 or older (Figure 6). The largest percent increase (17.8) in male age-specific rates occurred among 15-24 year-olds, while 25-44 females demonstrated a 9.5 percent increase. The total number of resident deaths, 23,101, is the highest recorded for any one year. One Oregonian dies every 23 minutes.

### HEART DISEASE RATES STABLE

Heart disease death rates exhibited a steady decline during the 1970's; between 1979 and 1982 the rate was relatively stable, but in 1983 increased to 1977 levels. During 1984, the rate remained virtually unchanged at 301.1 compared to 300.2 the previous year. Since 1980, the death rate for males has decreased 2.5 percent, from 339.0 to 330.8. However, females are more apt to die as a consequence of heart disease now than they were five years ago; an 11.5 percent increase occurred in their death rate. Heart disease is the preeminent cause of death, accounting for more than one in three deaths and one resident death every 1.1 hours. The Oregon death rate has consistently been lower than the national rate, and is 7.7 percent lower than the estimated 1984 national rate (324.4). Many conditions are included in the complex of heart disease. Most common are myocardial infarctions, coronary occlusions, coronary thromboses and arteriosclerotic and cardiovascular heart diseases, which comprise about 80 percent of all heart disease. The infarctions, occlusions and thromboses are acute, often terminal events, while the others represent chronic ailments of the cardiac function.

### FEMALE LUNG CANCER UP MARKEDLY

The inexorable upward trend exhibited by the malignant neoplasm death rate over the past several decades continued in 1984, reaching a record 202.5, exceeding the estimated United States rate (191.6) by 5.7 percent. Oregon's rate increased 7.9 percent between 1983 and 1984, the sharpest gain in the past two decades. The lungs are the most common site for both males and females. However, the increase among females is striking; for the period 1980-1984, lung cancer death rates increased 53.6 percent, from 27.4 to 42.1. The increase (11.0 percent) among males is less extreme, although the rates are higher; in 1980 the rate was 69.8, rising to 77.5 in 1984. About one in every twelve men who die, die from lung cancer. After lung cancer, the other common sites of malignant neoplasms for males are:

FIGURE 6. AGE-SPECIFIC DEATH RATES  
OREGON RESIDENTS, 1975-1984

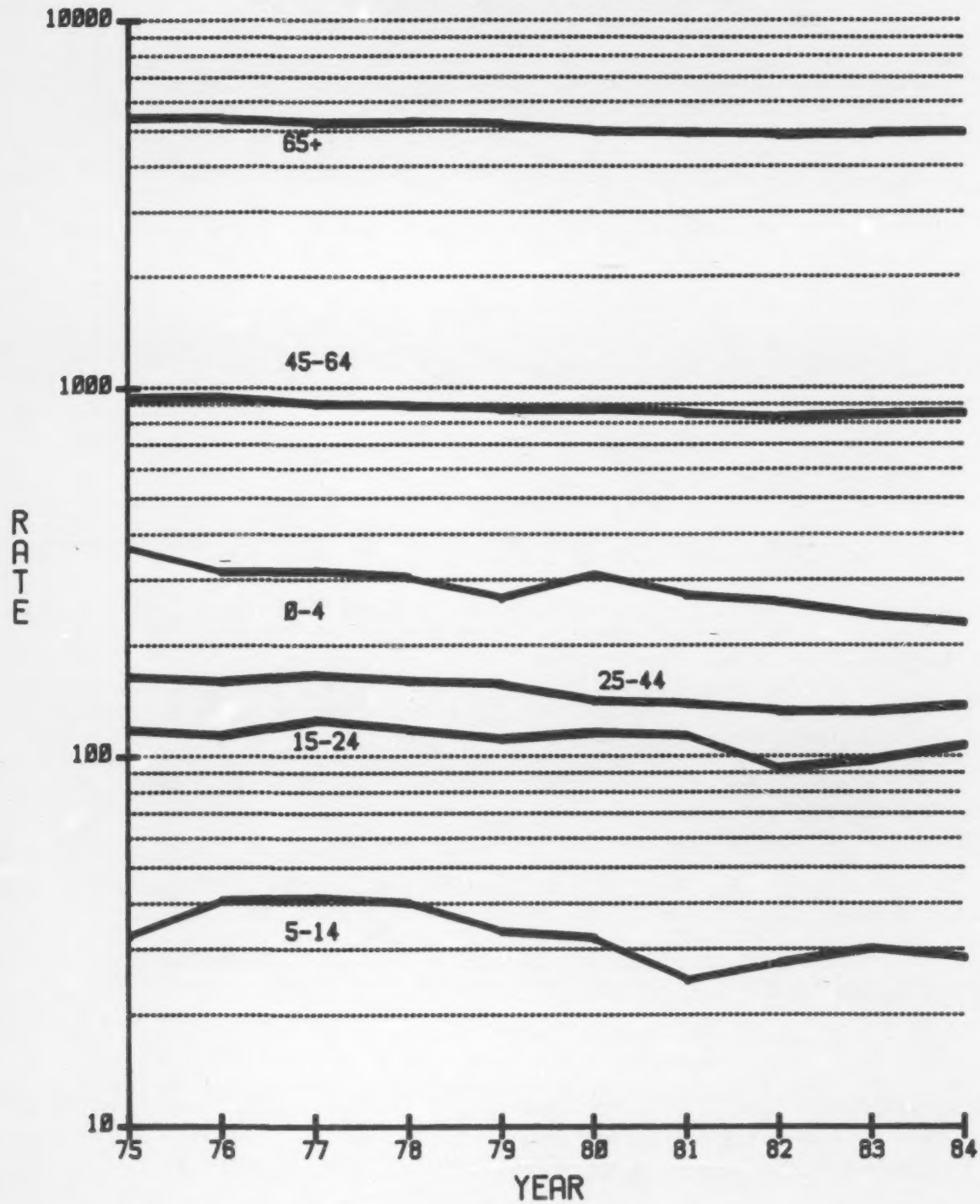
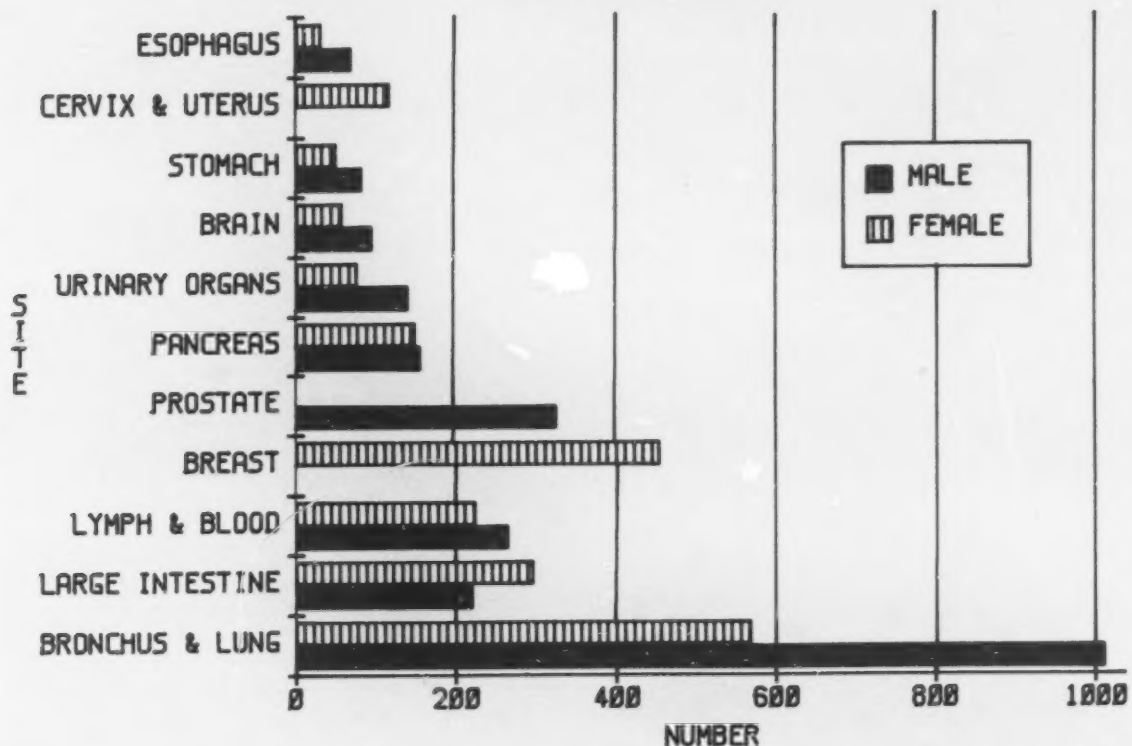




FIGURE 7. DEATHS DUE TO MALIGNANT NEOPLASMS BY SITE AND SEX  
OREGON RESIDENTS, 1984

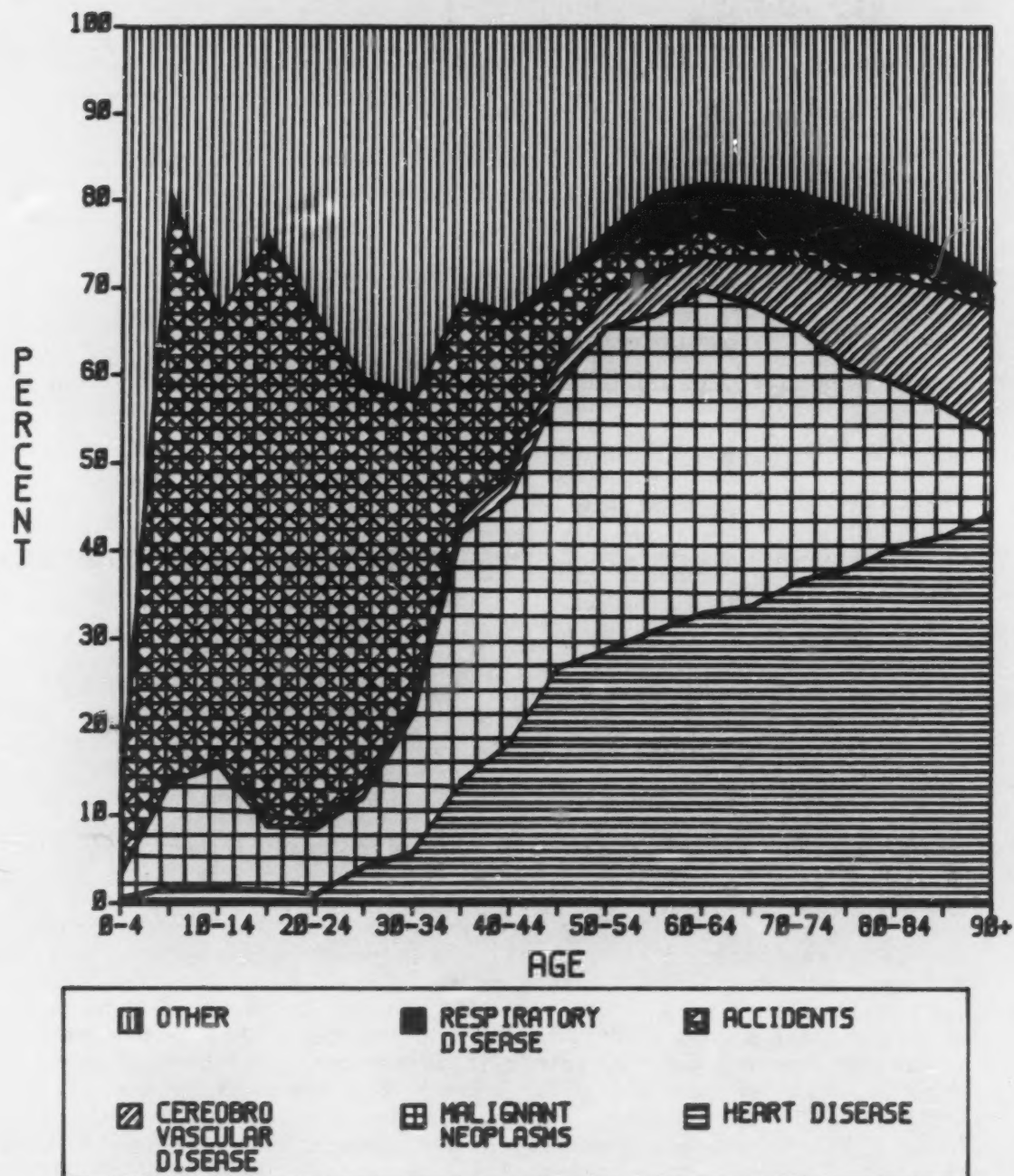


prostate, large intestine, pancreas and stomach. For females the sites are: breast, large intestine, ovary and pancreas. Cancer claims an Oregonian every 1.6 hours.

#### CEREBROVASCULAR DEATHS RESUME DOWNWARD TREND

The decade-long downward trend of the cerebrovascular disease death rate resumed in 1984 after a temporary reversal in 1983. The rate now stands at 72.1, still slightly higher than 1982 levels. Cerebrovascular disease ranks third overall after heart disease and malignant neoplasms, but fourth (59.8) among males following accidents (64.0). The cerebrovascular disease death rate for females is 84.1. The death rate for this cause has consistently been higher in Oregon than in the rest of the nation for the past 20 years; it is currently 9.9 percent above the estimated national rate of 65.6. Every 4.6 hours an Oregon resident succumbs to cerebrovascular disease. Sudden circulatory crises such as strokes, thromboses and hemorrhages are common acute forms of these diseases; cerebral arteriosclerosis is a chronic form. These cerebral conditions account for about one death in ten, and are more common in the older age groups.

FIGURE 8. PERCENTAGE OF DEATHS BY CAUSE AND AGE  
OREGON RESIDENTS, 1984



**ACCIDENTAL DEATHS  
UP SLIGHTLY**

Until 1983, the accidental death rate had been declining since the late 1970's, mostly due to a decrease among male accidental deaths. During 1983 the downward trend reversed, with the rate increasing 9.5 percent. This upward trend continued in 1984, but at a lesser pace, just 1.6 percent over the 1983 value. The Oregon death rate for accidents (44.6) is 11.2 percent above the estimated U.S. rate of 40.1. Death rates due to accidents are typically higher east of the Cascade Range and in Central Oregon in particular. Accidents continue to be the leading cause of death for persons between 1 and 34 years of age. Motor vehicle accidents (607) account for just over half of the total accidental deaths (1,185) to Oregonians; two-thirds of the decedents were between 15 and 44 years of age. However, among victims of falls (141), the second most prevalent type of accident, most are 65 or older. A majority (83) of the fatal falls occur in the home. Drownings and burns rank third and fourth respectively. The improvement seen in the public accident death rates in recent years was reversed in 1984; the rate (10.7) is higher than the 1980 rate (10.4). Home accident rates have shown no particular trend recently; the rate for 1984 (7.8) is only marginally lower than for 1980 (8.1). The death rate for work accidents decreased during four of the five past years and was 2.1 in 1984 compared to 2.5 in 1980. Every 7.4 hours, an accident claims the life of an Oregonian.

**CHRONIC RESPIRATORY DEATHS UP IN FEMALES** Overall, chronic respiratory disease (asthma, bronchitis, bronchiectasis, emphysema, COPD) rates decreased for the first time in seven years in 1984. However, the rate continued to increase among females, rising to 27.9, up from 26.6 in 1983 and 20.1 in 1980, a 38.8 percent increase in five years. Most of the increase in chronic obstructive respiratory disease rates in recent years is due to larger numbers of female deaths, although male rates are slightly higher than in 1980. The decline in the overall 1984 rate is a consequence of a 6.5 percent drop in the death rate of males during the year. Most of the increase between 1980 and 1984 among females was due to COPD deaths; the death rate for this cause increased 45.8 percent. Oregon's total rate is 20.8 percent higher than the estimated United States rate of 29.8 per 100,000 population. Chronic respiratory disease death rates have been highest in Southwestern Oregon in recent years. Every 9.1 hours an Oregon resident dies as a consequence of chronic respiratory disease.

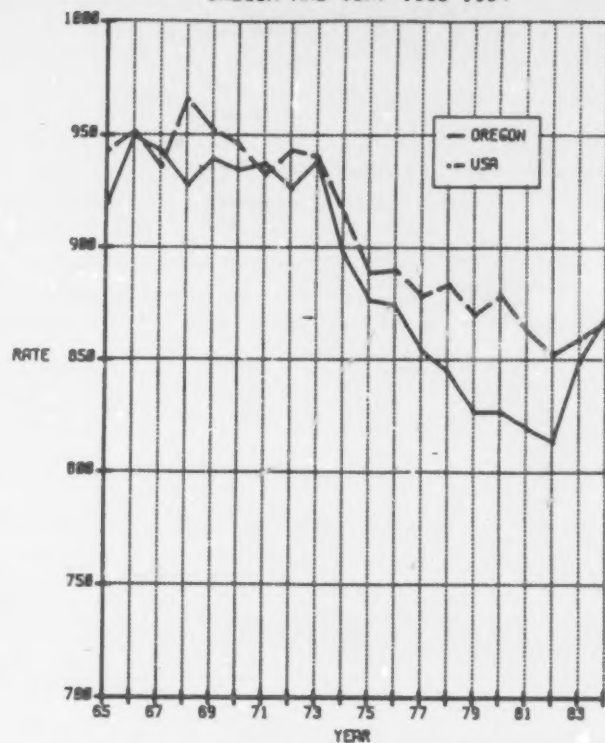
**PNEUMONIA AND  
INFLUENZA DEATHS  
HIGHEST SINCE 1977**

During 1984, the death rate for pneumonia and influenza reached its highest level since 1977. This, the sixth leading cause of death, rose 13.3 percent between 1983 and 1984. Typically, the pneumonia and influenza mortality rate is higher for females than males, and this was true during 1984, when rates of 29.3 and 25.1, respectively, were recorded. Oregon's mortality rate (27.3) is 9.2 percent higher than the estimated national rate of 25.0. Every 12.0 hours, pneumonia or influenza claims an Oregonian.

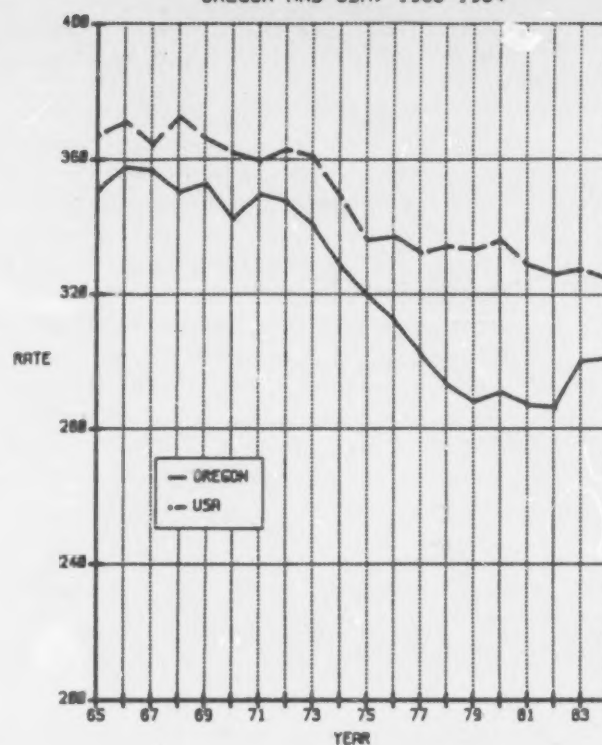


FIGURE 9.

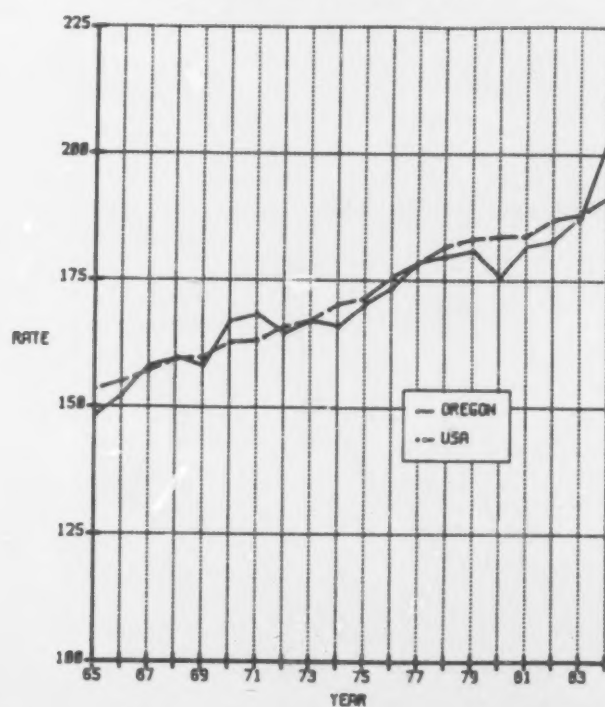
TOTAL DEATH RATES  
OREGON AND USA, 1965-1984



HEART DISEASE DEATH RATES  
OREGON AND USA, 1965-1984



MALIGNANT NEOPLASM DEATH RATES  
OREGON AND USA, 1965-1984



CEREBROVASCULAR DISEASE DEATH RATES  
OREGON AND USA, 1965-1984

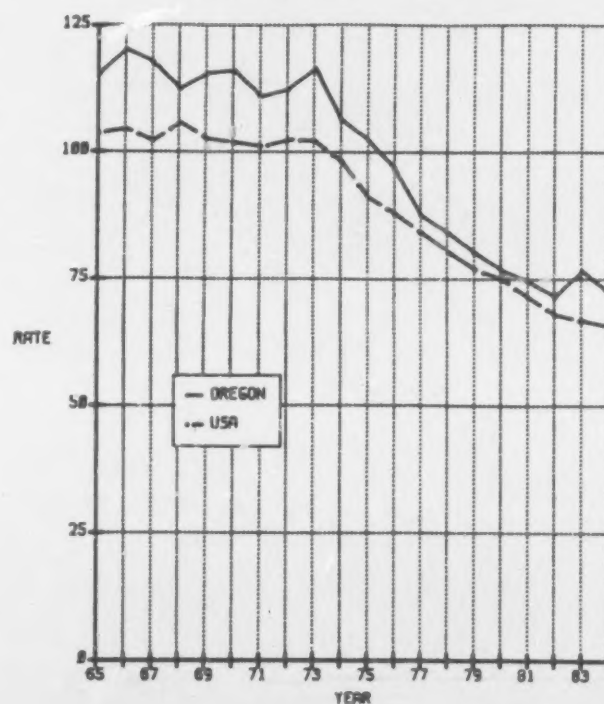
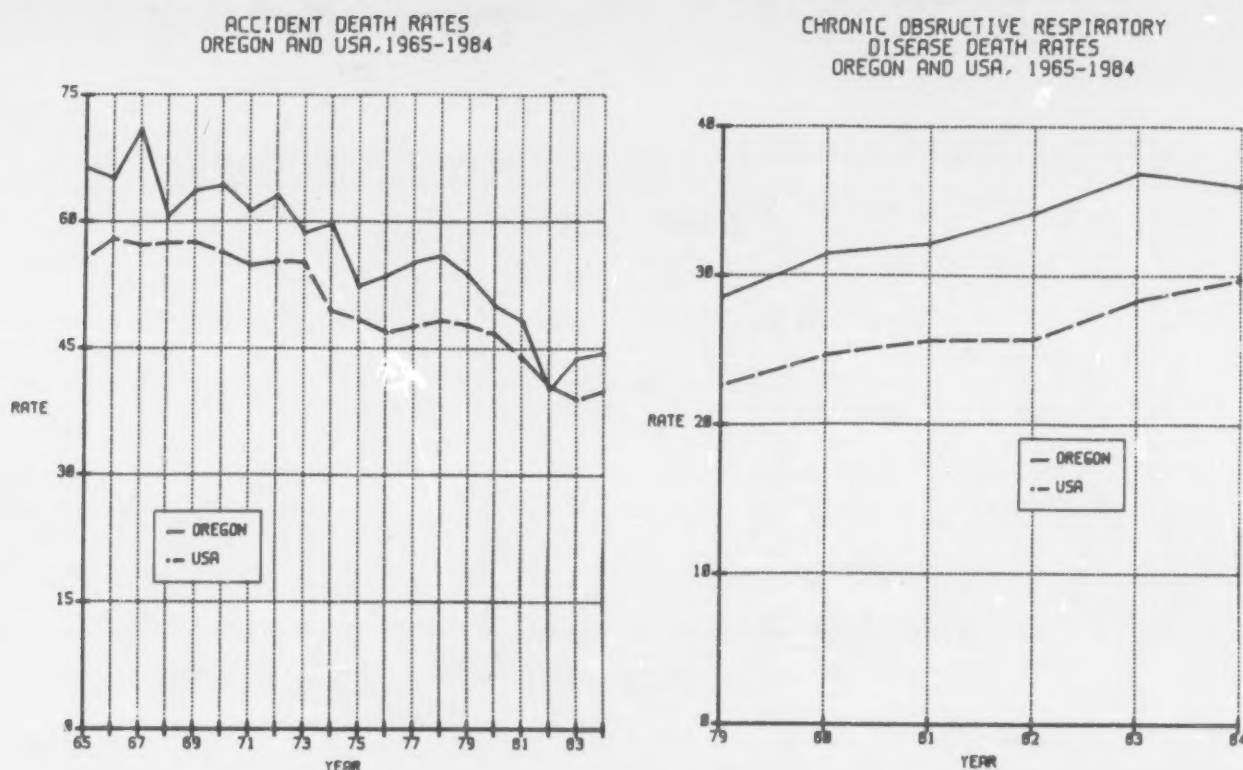


FIGURE 10.



#### RECORD LOW ARTERIOSCLEROSIS DEATH RATE

The arteriosclerosis death rate dropped 9.0 percent to 16.2 in 1984, a record low. Despite this improvement, Oregonians continue to die from this cause at a markedly greater frequency compared to all U.S. residents. The Oregon rate is 55.8 percent higher than the national rate of 10.4. Arteriosclerosis is the tenth leading cause of death nationally, but ranks seventh in Oregon. The rate for males was 14.9, compared to 17.4 for females. An Oregon resident succumbs to arteriosclerosis every 20.3 hours. Figures do not include all deaths involving arteriosclerosis since many have been classified to more specific manifestations of cardiac and cerebral disease.

#### OREGON'S SUICIDE RATE 29 PERCENT HIGHER THAN U.S.

Suicide deaths increased again during 1984, reaching levels higher than any time since 1977. Suicide rates are about three and one-half times higher for men (26.0) than women (7.1). Males between the ages of 25 and 64 have similar death rates, but after age 64, the rate turns sharply upward. The rate for men 75 and older (83.0) is four times higher than that for 15 to 24 year-olds (21.2). Unlike elderly men, the rate for women 75 and older is little different than for their counterparts in the 15-24 year-old category, 5.9 and 5.7 respectively. The peak suicide years for women are 45-54. Guns (61.0 percent) are the most popular method of suicide, followed by poisons (20.8 percent) and hanging (10.4 percent). However, the method varies within different age and sex cohorts. As in the past, the rate for Oregon was substantially higher (29.3 percent) than for the U.S., 15.9 for the former and 12.3 for the latter. An Oregonian takes his or her own life every 20.3 hours.



FIGURE 11. THE TEN LEADING CAUSES OF MORTALITY  
RANKED BY DEATH RATES  
OREGON, 1984

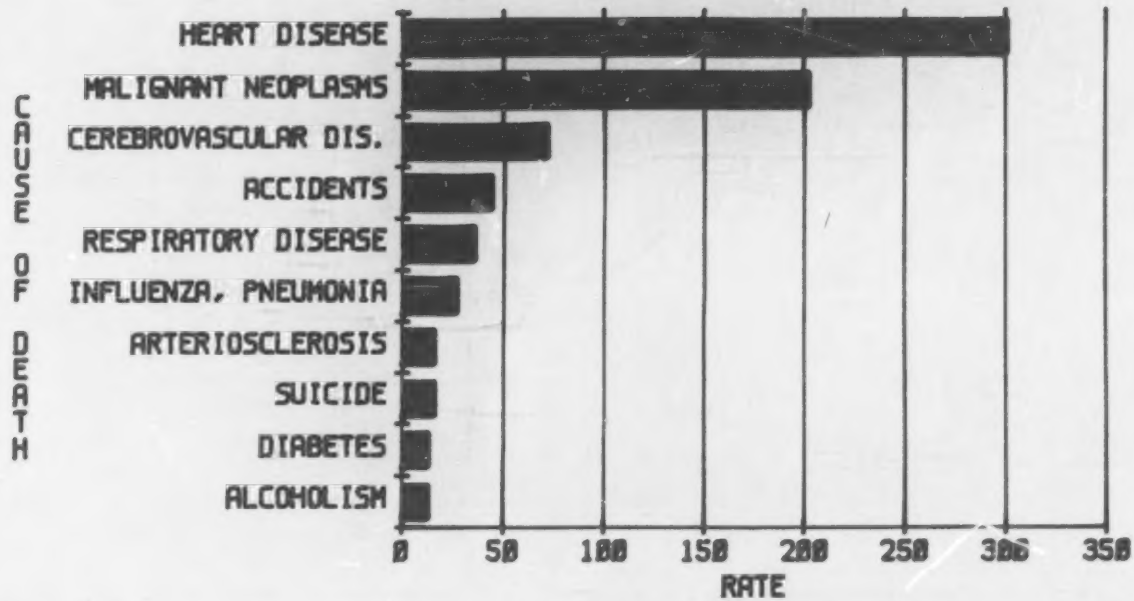
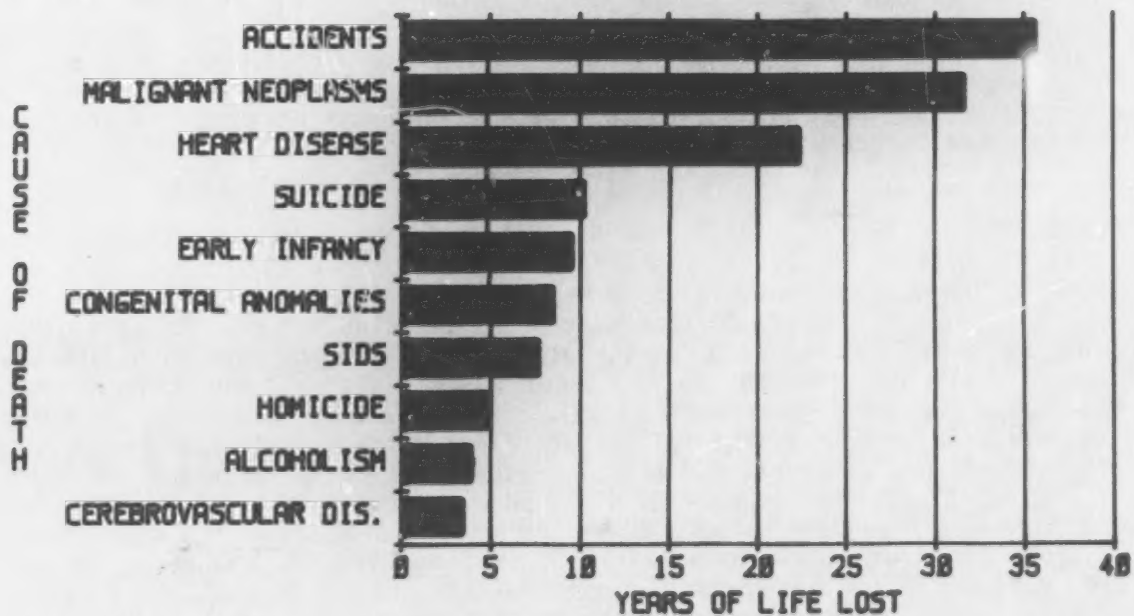


FIGURE 12. THE TEN LEADING CAUSES OF YEARS OF LIFE LOST  
(IN THOUSANDS OF YEARS)  
OREGON, 1984



**ALCOHOLISM TWO  
TIMES MORE LIKELY  
IN MALES**

Deaths due to consumption of alcohol increased marginally during 1984. Although alcoholism is the ninth leading cause of death, with a rate of 12.9, among males it ranks eighth. The rate for females (7.3) is less than half that for males (18.7). Death from this cause occurs most frequently among men 55-64 years old; the age-specific death rate is 81.1 compared to 21.7 for women in this age-group. This complex of diseases includes alcoholic psychosis, alcoholic dependence syndrome, alcoholic gastritis, alcoholic cardiomyopathy, alcoholic polyneuropathy and alcoholic liver disease. The latter accounts for about three out of four of the deaths (76.4 percent). Two of every five alcoholism deaths occurred to Multnomah County residents, although only one in five Oregonians reside in that county. A natural alcohol death occurs every 25.5 hours. Actually, if accidental deaths, suicides and homicides which involved alcohol were included, this category would rank substantially higher. Because the Center For Health Statistics queries physicians about deaths which might involve alcohol, the rate for the natural effects of alcohol is not comparable to total U.S. data.

**DIABETES RATE  
HIGHEST IN  
TEN YEARS**

During 1984, the diabetes death rate reached its highest level since 1975. Prior to 1982, the rate had generally been declining. Despite this increase, Oregon's rate of 12.9 is 20.9 percent below the estimated national rate of 15.6. Diabetes ranks as the seventh leading cause of death nationally, but only tenth in Oregon. Historically, rates have been higher for females than males, and that was the case during 1984, with a rate of 13.9 for the former and 11.9 for the latter. Every 25.5 hours, diabetes claims the life of an Oregonian.

**YEARS OF LIFE LOST**

Mortality rates alone do not show the complete impact upon society of certain causes of death. The deaths of young people are of a greater "cost" to society than deaths of older people in terms of lost years. The years of life lost index multiplies the number of deaths in each category by the average number of years remaining in their lifetime. (Statisticians usually assume individuals have 70 years of "productive" life.) This method places more emphasis on causes which affect the young. Figures 11 and 12 demonstrate the disparity between death rates and the years of life lost. Compared to crude death rates, both traumatic deaths and causes associated with infancy rank higher when years of life lost are tabulated. Accidents increase from fourth to first, suicide from eighth to fourth, and homicides from fifteenth to eighth.

**INFANT DEATHS**

The infant death rate has often been used as an indicator of the general health of a population. Unlike other mortality rates which use the general population as the group at risk, the infant death rate is calculated by dividing the number of deaths to children under one year of age by the number of births. The deaths of 388 Oregon infants in 1984 represent a rate of 9.8 per 1,000 births. Oregon's infant death rate has been consistently lower than the national rate. From 1974 to 1984 the U.S. infant death rate dropped 36.5 percent from 16.7 to 10.6 while the Oregon rate declined 34.7 percent from the 1974 rate of 15.0 to 9.8 in 1984.

FIGURE 13. NEONATAL DEATH RATES  
U.S. AND OREGON, 1974-1984

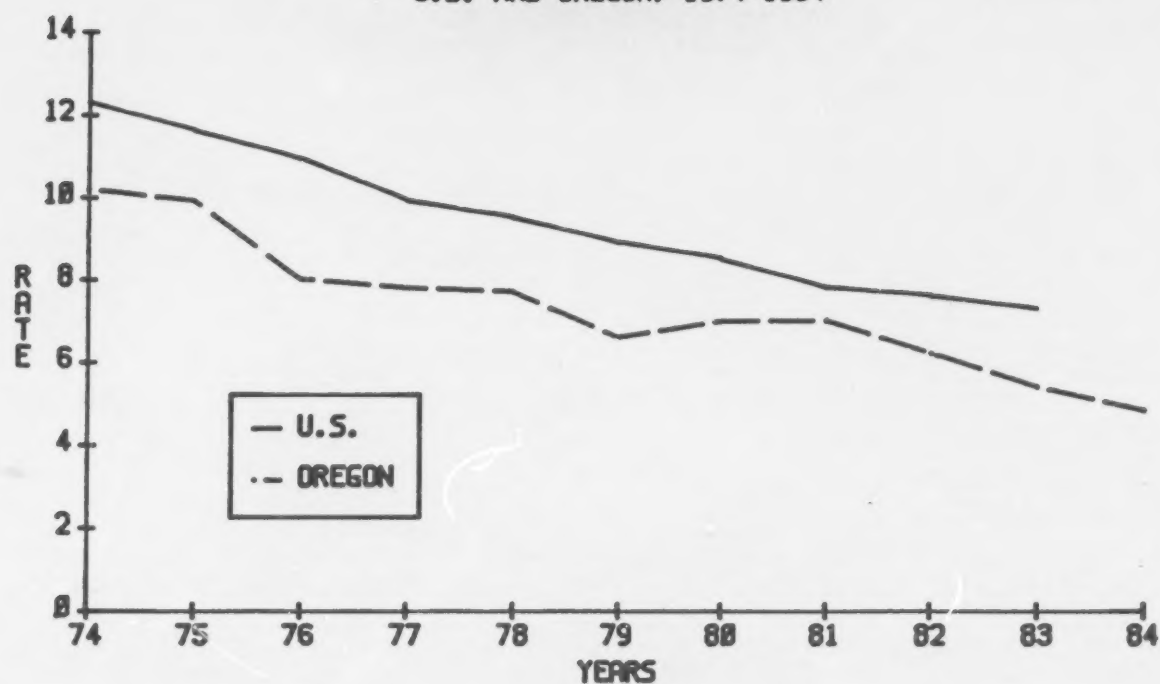
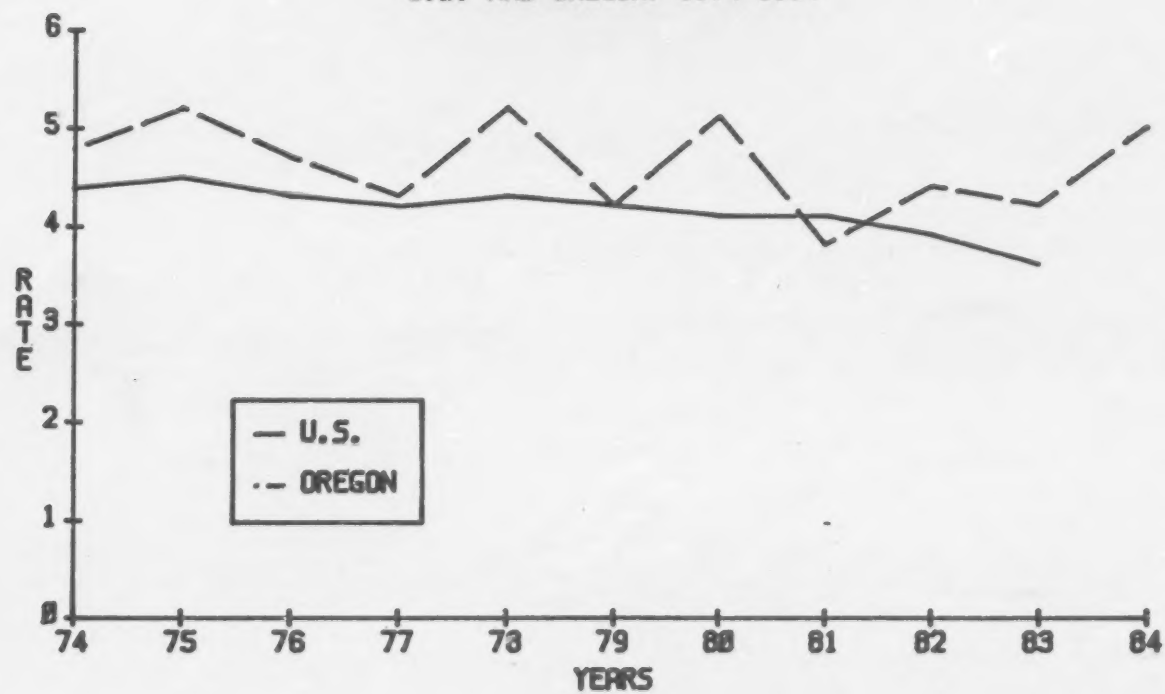


FIGURE 14. POSTNEONATAL DEATH RATES  
U.S. AND OREGON, 1974-1984



#### NEONATAL DEATHS

Much of the decline in infant deaths can be attributed to the dramatic improvement in saving babies during the first 27 days of life. In 1984 the Oregon neonatal rate was 4.8. Oregon has been consistently below the U.S. rate (Figure 13).

#### POST-NEONATAL RATE

The rate of death for infants between 28 days and 1 year, however, has not shown the same improvement. The 1984 rate of 5.0 is not significantly lower than the rate of a decade ago. The failure to show improvement in post-neonatal deaths is not a national trend. The Oregon rate is typically higher. Much more yearly variation is seen in the post-neonatal compared to yearly changes in the neonatal rates. In fact, the gap between the neonatal and post-neonatal death rate has closed. For the first time, more infants have died in the post-neonatal stage than in the first critical 27 days. Ten years ago 32 percent of Oregon infant deaths occurred in the post-neonatal period. In 1984, 51 percent were of this age group. As changes occur in the ages of infants who die, strategies for improving infant survival must also change (Figure 14).

One reason Oregon post-neonatal death rates are high is because Oregon has a high SIDS death rate. SIDS has ranked as the number two cause of infant death in recent years. But in 1984, it became the leading cause of infant death. Almost all SIDS deaths occur in the post-neonatal period. Technological advances in the medical care of neonates may also partially account for the higher proportion of post-neonatal deaths by delaying the deaths of infants who would have otherwise died during the first 27 days of life.



TABLE 34. AGE SPECIFIC DEATH RATES BY SEX, OREGON, 1940, 1950, 1960, 1970, 1975-1984

| YEAR & SEX  | TOTAL  | AGE GROUPS |        |       |       |        |        |
|-------------|--------|------------|--------|-------|-------|--------|--------|
|             |        | 0 - 4      | 5 - 14 | 15-24 | 25-44 | 45-64  | 65+    |
| 1940 Deaths | 1131.4 | 953.9      | 116.6  | 199.1 | 317.7 | 1322.7 | 7154.3 |
| Male        | 1336.2 | 1122.6     | 140.5  | 267.4 | 374.5 | 1650.8 | 7831.0 |
| Female      | 912.7  | 788.1      | 91.9   | 130.4 | 258.2 | 944.7  | 6395.2 |
| 1950 Deaths | 912.9  | 588.1      | 61.7   | 148.2 | 242.0 | 1105.7 | 5836.7 |
| Male        | 1097.2 | 459.9      | 74.1   | 226.0 | 317.4 | 1411.4 | 6619.2 |
| Female      | 722.6  | 515.6      | 48.7   | 73.0  | 166.0 | 711.9  | 5025.0 |
| 1960 Deaths | 949.1  | 566.3      | 42.5   | 107.0 | 210.5 | 1053.1 | 5796.9 |
| Male        | 1141.2 | 640.3      | 53.3   | 158.4 | 273.3 | 1420.3 | 6854.2 |
| Female      | 758.9  | 489.7      | 31.2   | 58.3  | 149.9 | 679.0  | 4838.8 |
| 1970 Deaths | 933.8  | 411.4      | 42.9   | 134.4 | 184.4 | 1015.1 | 5617.3 |
| Male        | 1107.6 | 437.8      | 56.5   | 198.9 | 241.7 | 1375.4 | 6893.0 |
| Female      | 767.2  | 383.9      | 28.7   | 74.4  | 128.7 | 670.2  | 4607.6 |
| 1975 Deaths | 876.1  | 364.8      | 32.5   | 118.0 | 164.4 | 925.1  | 5419.6 |
| Male        | 1016.0 | 414.9      | 39.5   | 171.2 | 224.4 | 1239.7 | 6551.6 |
| Female      | 747.2  | 312.5      | 25.3   | 64.9  | 107.4 | 631.0  | 4553.3 |
| 1976 Deaths | 873.7  | 313.8      | 40.6   | 113.5 | 159.0 | 940.7  | 5384.1 |
| Male        | 1005.2 | 350.6      | 52.5   | 160.0 | 221.1 | 1234.1 | 6532.4 |
| Female      | 748.1  | 275.3      | 28.1   | 66.8  | 100.0 | 667.4  | 4470.4 |
| 1977 Deaths | 853.8  | 315.4      | 41.3   | 125.1 | 166.0 | 896.4  | 5236.9 |
| Male        | 984.2  | 376.4      | 51.8   | 183.7 | 213.5 | 1198.4 | 6311.3 |
| Female      | 729.3  | 251.5      | 30.4   | 65.8  | 103.7 | 616.3  | 4424.5 |
| 1978 Deaths | 844.3  | 303.0      | 39.9   | 117.7 | 159.3 | 888.1  | 5273.2 |
| Male        | 965.7  | 330.4      | 50.4   | 174.5 | 228.4 | 1170.1 | 6303.4 |
| Female      | 728.3  | 274.5      | 29.1   | 59.8  | 93.9  | 627.1  | 4486.9 |
| 1979 Deaths | 826.4  | 267.1      | 33.4   | 110.7 | 156.1 | 869.1  | 5181.5 |
| Male        | 956.1  | 308.2      | 42.5   | 167.8 | 227.9 | 1157.5 | 6308.5 |
| Female      | 702.7  | 224.3      | 23.9   | 52.3  | 87.7  | 603.4  | 4333.3 |
| 1980 Deaths | 826.4  | 310.7      | 31.9   | 115.8 | 140.8 | 870.8  | 4977.2 |
| Male        | 931.8  | 333.9      | 36.9   | 167.8 | 193.4 | 1157.4 | 6013.3 |
| Female      | 724.1  | 286.1      | 26.7   | 63.6  | 87.5  | 602.9  | 4209.3 |
| 1981 Deaths | 819.3  | 272.6      | 24.7   | 113.5 | 138.1 | 847.9  | 4913.6 |
| Male        | 916.8  | 301.0      | 31.2   | 168.6 | 187.5 | 1118.5 | 5857.9 |
| Female      | 724.7  | 242.8      | 18.0   | 57.9  | 88.1  | 594.5  | 4206.7 |
| 1982 Deaths | 813.0  | 261.4      | 27.5   | 92.3  | 132.0 | 826.3  | 4850.4 |
| Male        | 899.3  | 290.8      | 35.4   | 132.1 | 177.6 | 1053.1 | 5769.2 |
| Female      | 729.2  | 230.9      | 19.2   | 51.5  | 86.2  | 614.0  | 4158.8 |
| 1983 Deaths | 848.6  | 240.4      | 30.2   | 97.3  | 131.6 | 843.1  | 4909.3 |
| Male        | 927.1  | 258.2      | 39.0   | 136.0 | 183.6 | 1074.5 | 5816.4 |
| Female      | 773.0  | 221.8      | 21.0   | 57.9  | 81.8  | 626.9  | 4245.4 |
| 1984 Deaths | 868.5  | 228.7      | 28.5   | 107.4 | 137.8 | 854.5  | 4956.6 |
| Male        | 941.9  | 252.5      | 39.1   | 160.2 | 185.8 | 1083.3 | 5808.1 |
| Female      | 797.5  | 204.1      | 17.4   | 53.0  | 89.6  | 639.3  | 4332.5 |

All rates per 100,000 population within specific age-groups.



TABLE 35. SELECTED LEADING CAUSES OF DEATHS WITH RATES, OREGON RESIDENTS, 1965-1984

| YEAR | TOTAL  | MAJOR CARDIOVASCULAR DISEASES |                         |                  | MALIGNANT NEOPLASMS | DIABETES MELLITUS | INFLUENZA & PNEUMONIA | CHRONIC RESPIRATORY DISEASES <sup>1</sup> | CIRRHOSIS OF LIVER | CERTAIN CAUSES IN EARLY INFANCY | CONGENITAL ANOMALIES | EXTERNAL CAUSES |         |          |
|------|--------|-------------------------------|-------------------------|------------------|---------------------|-------------------|-----------------------|-------------------------------------------|--------------------|---------------------------------|----------------------|-----------------|---------|----------|
|      |        | Diseases of Heart             | Cerebrovascular Disease | Arteriosclerosis |                     |                   |                       |                                           |                    |                                 |                      | Accident        | Suicide | Homicide |
| 1965 | 18,133 | 6,922                         | 2,276                   | 467              | 2,925               | 270               | 527                   | 329                                       | 260                | 379                             | 174                  | 1,311           | 304     | 76       |
| 1966 | 18,979 | 7,156                         | 2,405                   | 496              | 3,046               | 279               | 766                   | 430                                       | 290                | 385                             | 179                  | 1,302           | 253     | 68       |
| 1967 | 18,908 | 7,157                         | 2,361                   | 502              | 3,175               | 279               | 553                   | 403                                       | 261                | 344                             | 161                  | 1,424           | 268     | 61       |
| 1968 | 19,017 | 7,182                         | 2,308                   | 466              | 3,278               | 284               | 610                   | 464                                       | 259                | 352                             | 164                  | 1,245           | 302     | 67       |
| 1969 | 19,548 | 7,349                         | 2,407                   | 454              | 3,287               | 310               | 698                   | 464                                       | 257                | 306                             | 185                  | 1,325           | 289     | 83       |
| 1970 | 19,530 | 7,158                         | 2,429                   | 461              | 3,493               | 312               | 554                   | 520                                       | 288                | 298                             | 149                  | 1,347           | 303     | 93       |
| 1971 | 20,087 | 7,492                         | 2,577                   | 455              | 3,608               | 285               | 566                   | 577                                       | 338                | 314                             | 175                  | 1,314           | 319     | 81       |
| 1972 | 20,216 | 7,581                         | 2,453                   | 433              | 3,594               | 290               | 599                   | 529                                       | 348                | 272                             | 158                  | 1,379           | 301     | 116      |
| 1973 | 20,881 | 7,569                         | 2,593                   | 501              | 3,718               | 331               | 782                   | 633                                       | 367                | 240                             | 154                  | 1,307           | 364     | 112      |
| 1974 | 20,320 | 7,441                         | 2,408                   | 451              | 3,762               | 272               | 584                   | 609                                       | 365                | 228                             | 160                  | 1,354           | 362     | 122      |
| 1975 | 20,142 | 7,342                         | 2,355                   | 429              | 3,917               | 310               | 606                   | 624                                       | 331                | 233                             | 153                  | 1,204           | 361     | 130      |
| 1976 | 20,459 | 7,306                         | 2,264                   | 445              | 4,065               | 300               | 800                   | 664                                       | 348                | 177                             | 157                  | 1,257           | 351     | 96       |
| 1977 | 20,457 | 7,239                         | 2,096                   | 445              | 4,283               | 284               | 562                   | 625                                       | 377                | 194                             | 140                  | 1,324           | 359     | 125      |
| 1978 | 20,870 | 7,249                         | 2,079                   | 485              | 4,447               | 297               | 658                   | 698                                       | 312                | 190                             | 168                  | 1,387           | 385     | 125      |
| 1979 | 21,024 | 7,329                         | 2,041                   | 444              | 4,608               | 285               | 608                   | 728                                       | 352                | 195                             | 155                  | 1,367           | 351     | 113      |
| 1980 | 21,796 | 7,659                         | 2,021                   | 486              | 4,625               | 297               | 704                   | 829                                       | 349                | 219                             | 160                  | 1,319           | 388     | 145      |
| 1981 | 21,798 | 7,639                         | 1,966                   | 509              | 4,839               | 303               | 609                   | 856                                       | 370                | 214                             | 140                  | 1,285           | 398     | 118      |
| 1982 | 21,594 | 7,601                         | 1,901                   | 482              | 4,859               | 297               | 609                   | 912                                       | 299                | 168                             | 165                  | 1,064           | 396     | 146      |
| 1983 | 22,361 | 7,910                         | 2,021                   | 470              | 4,943               | 329               | 634                   | 971                                       | 301                | 148                             | 156                  | 1,156           | 417     | 112      |
| 1984 | 23,101 | 8,010                         | 1,919                   | 431              | 5,387               | 343               | 725                   | 957                                       | 318                | 136                             | 152                  | 1,185           | 423     | 135      |
| 1965 | 919.5  | 351.0                         | 115.4                   | 23.7             | 148.3               | 13.7              | 26.7                  | 16.7                                      | 13.2               | 19.2                            | 8.8                  | 66.4            | 15.4    | 3.9      |
| 1966 | 949.1  | 357.8                         | 120.3                   | 24.8             | 152.3               | 14.0              | 38.3                  | 21.5                                      | 14.5               | 19.3                            | 9.0                  | 65.1            | 12.7    | 3.4      |
| 1967 | 942.4  | 356.7                         | 117.7                   | 25.0             | 158.2               | 12.7              | 27.6                  | 20.1                                      | 13.0               | 17.1                            | 8.0                  | 71.0            | 13.4    | 3.0      |
| 1968 | 927.3  | 350.2                         | 112.5                   | 22.7             | 159.8               | 13.8              | 29.7                  | 22.6                                      | 12.6               | 17.2                            | 8.0                  | 60.7            | 14.7    | 3.3      |
| 1969 | 939.1  | 353.0                         | 115.6                   | 21.8             | 157.9               | 14.9              | 33.5                  | 22.3                                      | 12.5               | 14.7                            | 8.9                  | 63.7            | 13.9    | 4.0      |
| 1970 | 933.8  | 342.3                         | 116.1                   | 22.0             | 167.0               | 14.9              | 26.5                  | 24.9                                      | 13.8               | 14.2                            | 7.1                  | 64.4            | 14.5    | 4.4      |
| 1971 | 937.3  | 349.6                         | 110.9                   | 21.2             | 168.4               | 13.3              | 26.4                  | 26.9                                      | 15.8               | 14.7                            | 8.2                  | 61.3            | 14.9    | 3.8      |
| 1972 | 926.0  | 347.2                         | 112.4                   | 19.8             | 164.6               | 13.3              | 27.4                  | 24.2                                      | 15.9               | 12.5                            | 7.2                  | 63.2            | 13.8    | 5.3      |
| 1973 | 938.5  | 340.2                         | 116.5                   | 22.5             | 167.1               | 14.9              | 35.1                  | 28.5                                      | 16.5               | 10.8                            | 6.9                  | 58.7            | 16.4    | 5.0      |
| 1974 | 896.7  | 328.4                         | 106.3                   | 19.9             | 166.0               | 12.0              | 25.8                  | 26.9                                      | 16.1               | 10.1                            | 7.1                  | 59.8            | 16.0    | 5.4      |
| 1975 | 876.1  | 319.4                         | 102.4                   | 18.7             | 170.4               | 13.5              | 26.4                  | 27.1                                      | 14.4               | 10.1                            | 6.7                  | 52.4            | 15.7    | 5.7      |
| 1976 | 873.7  | 312.0                         | 96.7                    | 19.0             | 173.6               | 12.8              | 34.2                  | 28.4                                      | 14.9               | 7.6                             | 6.7                  | 53.7            | 15.0    | 5.1      |
| 1977 | 853.8  | 302.1                         | 87.5                    | 18.6             | 178.7               | 11.9              | 23.5                  | 26.1                                      | 15.7               | 8.1                             | 7.0                  | 55.3            | 16.7    | 5.2      |
| 1978 | 844.3  | 293.2                         | 84.1                    | 19.6             | 179.9               | 12.0              | 26.6                  | 28.2                                      | 12.6               | 7.7                             | 6.8                  | 56.1            | 15.6    | 5.1      |
| 1979 | 826.4  | 288.1                         | 80.2                    | 17.5             | 181.1               | 11.2              | 23.9                  | 28.6                                      | 13.8               | 7.7                             | 6.1                  | 53.7            | 13.8    | 4.4      |
| 1980 | 826.4  | 290.9                         | 76.8                    | 18.5             | 175.7               | 11.3              | 26.7                  | 31.5                                      | 13.3               | 8.3                             | 6.1                  | 50.1            | 14.7    | 5.5      |
| 1981 | 819.2  | 287.1                         | 74.6                    | 19.1             | 181.9               | 11.4              | 22.9                  | 32.2                                      | 13.9               | 8.0                             | 5.3                  | 48.3            | 15.0    | 4.4      |
| 1982 | 813.0  | 286.2                         | 71.6                    | 18.1             | 182.9               | 11.2              | 22.9                  | 34.3                                      | 11.3               | 6.3                             | 5.2                  | 40.1            | 14.9    | 5.5      |
| 1983 | 848.6  | 300.2                         | 76.7                    | 17.8             | 187.6               | 12.5              | 24.1                  | 36.9                                      | 11.4               | 5.6                             | 5.9                  | 43.9            | 15.8    | 4.3      |
| 1984 | 868.5  | 301.1                         | 72.1                    | 16.2             | 202.5               | 12.9              | 27.3                  | 36.0                                      | 12.0               | 5.1                             | 5.7                  | 44.5            | 15.9    | 5.1      |

<sup>1</sup> Includes Bronchitis, Emphysema, Asthma and Chronic Obstructive Pulmonary Disease.  
All rates per 100,000 population.

TABLE 36. THE FIVE PRINCIPAL CAUSES OF DEATH BY AGE GROUPS, OREGON 1984

| AGE AND CAUSE OF DEATH |                                                                                 | BOTH SEXES |         | RATE*   |        |
|------------------------|---------------------------------------------------------------------------------|------------|---------|---------|--------|
|                        |                                                                                 | Number     | Percent | Male    | Female |
| <u>ALL AGES</u>        | ALL CAUSES                                                                      | 23,101     | 100.0   | 941.9   | 797.5  |
|                        | 1. Diseases of the heart                                                        | 8,010      | 34.7    | 330.8   | 272.5  |
|                        | 2. Malignant Neoplasms                                                          | 5,387      | 23.3    | 216.6   | 188.9  |
|                        | 3. Cerebrovascular Diseases                                                     | 1,919      | 8.3     | 99.8    | 84.1   |
|                        | 4. Accidents                                                                    | 1,185      | 5.1     | 64.0    | 25.8   |
|                        | 5. Bronchitis, Emphysema, Asthma<br>& Chronic Obstructive Pulmonary<br>Diseases | 957        | 4.1     | 44.4    | 27.9   |
| <u>UNDER 1 YEAR</u>    | ALL CAUSES <sup>1</sup>                                                         | 388        | 100.0   | 1,048.5 | 909.1  |
|                        | 1. Sudden Infant Death Syndrome                                                 | 109        | 28.1    | 317.0   | 231.2  |
|                        | 2. Congenital Anomalies                                                         | 96         | 24.7    | 253.6   | 231.2  |
|                        | 3. Respiratory Distress Syndrome                                                | 28         | 7.2     | 78.0    | 63.1   |
|                        | 4. Other Early Infancy Causes                                                   | 26         | 6.7     | 63.4    | 68.3   |
|                        | 5. Other Respiratory Causes                                                     | 20         | 5.2     | 48.8    | 52.5   |
| <u>1 - 4 YEARS</u>     | ALL CAUSES                                                                      | 73         | 100.0   | 53.6    | 36.3   |
|                        | 1. Accidents                                                                    | 30         | 41.1    | 21.9    | 15.0   |
|                        | 2. Congenital Anomalies                                                         | 13         | 17.8    | 8.5     | 7.5    |
|                        | 2. Malignant Neoplasms                                                          | 9          | 12.3    | 4.9     | 6.3    |
|                        | 4. Other Early Infancy Causes                                                   | 3          | 4.1     | 1.2     | 2.5    |
|                        | 5. Homicides                                                                    | 1          | 1.4     | 1.2     | 0.0    |
| <u>5 - 14 YEARS</u>    | ALL CAUSES                                                                      | 108        | 100.0   | 39.1    | 17.4   |
|                        | 1. Accidents                                                                    | 63         | 58.3    | 26.2    | 6.5    |
|                        | 2. Malignant Neoplasms                                                          | 14         | 13.0    | 4.1     | 3.3    |
|                        | 3. Homicides                                                                    | 6          | 5.6     | 1.0     | 2.2    |
|                        | 4. Suicide                                                                      | 4          | 3.7     | 2.1     | 0.0    |
|                        | 5. Congenital Anomalies                                                         | 3          | 2.8     | 1.0     | 0.5    |

\* Rates per 100,000 population except where noted.

<sup>1</sup> Rate per 100,000 live births.

TABLE 36. Continued

| AGE AND CAUSE OF DEATH     |                                                                                 | BOTH SEXES |         | RATE*   |         |
|----------------------------|---------------------------------------------------------------------------------|------------|---------|---------|---------|
|                            |                                                                                 | Number     | Percent | Male    | Female  |
| <u>15 - 24 YEARS</u>       | ALL CAUSES                                                                      | 460        | 100.0   | 160.2   | 53.0    |
|                            | 1. Accidents                                                                    | 280        | 60.9    | 100.8   | 28.9    |
|                            | 2. Suicides                                                                     | 58         | 12.6    | 21.2    | 5.7     |
|                            | 3. Malignant Neoplasms                                                          | 34         | 7.4     | 12.0    | 3.8     |
|                            | 4. Homicides                                                                    | 28         | 6.1     | 8.3     | 4.7     |
|                            | 5. Undetermined External Causes                                                 | 8          | 1.7     | 2.3     | 1.4     |
| <u>25 - 44 YEARS</u>       | ALL CAUSES                                                                      | 1,152      | 100.0   | 185.8   | 89.6    |
|                            | 1. Accidents                                                                    | 344        | 29.9    | 64.2    | 18.0    |
|                            | 2. Malignant Neoplasms                                                          | 236        | 20.5    | 24.6    | 31.9    |
|                            | 3. Suicides                                                                     | 146        | 12.7    | 28.7    | 6.2     |
|                            | 4. Diseases of the Heart                                                        | 127        | 11.0    | 23.2    | 7.2     |
|                            | 5. Homicide                                                                     | 57         | 4.9     | 9.3     | 4.3     |
| <u>45 - 64 YEARS</u>       | ALL CAUSES                                                                      | 4,057      | 100.0   | 1,083.3 | 639.3   |
|                            | 1. Malignant Neoplasms                                                          | 1,461      | 36.0    | 334.6   | 282.4   |
|                            | 2. Diseases of the Heart                                                        | 1,262      | 31.1    | 395.9   | 143.5   |
|                            | 3. Alcoholic Diseases                                                           | 179        | 4.4     | 59.1    | 17.6    |
|                            | 4. Bronchitis, Emphysema, Asthma<br>& Chronic Obstructive Pulmonary<br>Diseases | 172        | 4.2     | 36.5    | 36.0    |
|                            | 5. Accidents                                                                    | 168        | 4.1     | 53.4    | 18.4    |
| <u>65 YEARS &amp; OVER</u> | ALL CAUSES                                                                      | 16,863     | 100.0   | 5,808.1 | 4,332.5 |
|                            | 1. Disease of the Heart                                                         | 6,610      | 39.2    | 2,299.1 | 1,681.9 |
|                            | 2. Malignant Neoplasms                                                          | 3,630      | 21.5    | 1,334.4 | 871.0   |
|                            | 3. Cerebrovascular Diseases                                                     | 1,732      | 10.3    | 469.1   | 538.4   |
|                            | 4. Bronchitis, Emphysema, Asthma<br>& Chronic Obstructive Pulmonary<br>Diseases | 780        | 4.6     | 341.9   | 146.7   |
|                            | 5. Influenza & Pneumonia                                                        | 658        | 3.9     | 202.9   | 186.4   |

NOTE: "Alcoholic Diseases" includes Alcoholic Cirrhosis of Liver, Alcoholic Psychosis, Alcoholic Dependence Syndrome, Alcoholic Gastritis, Alcoholic Cardiomyopathy and Alcoholic Polyneuropathy.

TABLE 37. LEADING CAUSES OF DEATH BY RANK ORDER FOR RESIDENT MALES & FEMALES,  
OREGON, 1984

| RANK   | CAUSE OF DEATH                                                    | NUMBER | RATE  | PERCENT |
|--------|-------------------------------------------------------------------|--------|-------|---------|
| MALES  |                                                                   |        |       |         |
|        | TOTAL                                                             | 12,311 | 941.9 | 100.0   |
| 1.     | Diseases of the Heart                                             | 4,323  | 330.8 | 35.1    |
| 2.     | Malignant Neoplasms                                               | 2,831  | 216.6 | 23.0    |
| 3.     | Accidents                                                         | 836    | 64.0  | 6.8     |
| 4.     | Cerebrovascular Disease                                           | 781    | 59.8  | 6.3     |
| 5.     | Bronchitis, Emphysema, Asthma &<br>Chronic Obstructive Pulm. Dis. | 580    | 44.4  | 4.7     |
| 6.     | Suicide                                                           | 340    | 26.0  | 2.8     |
| 7.     | Influenza & Pneumonia                                             | 328    | 25.1  | 2.7     |
| 8.     | Alcoholic Diseases                                                | 244    | 18.7  | 2.0     |
| 9.     | Arteriosclerosis                                                  | 195    | 14.9  | 1.6     |
| 10.    | Other Diseases of Arteries                                        | 167    | 12.8  | 1.4     |
| 11.    | Diabetes Mellitus                                                 | 155    | 11.9  | 1.3     |
| 12.    | Nephritis & Nephrosis                                             | 94     | 7.2   | 0.8     |
| 13.    | Homicide                                                          | 87     | 6.7   | 0.7     |
| 14.    | Congenital Anomalies                                              | 86     | 6.6   | 0.7     |
| 15.    | Certain Causes in Early Infancy                                   | 73     | 5.6   | 0.6     |
|        | All Other Causes                                                  | 1,191  | 91.1  | 9.7     |
| FEMALE |                                                                   |        |       |         |
|        | TOTAL                                                             | 10,790 | 797.5 | 100.0   |
| 1.     | Diseases of the Heart                                             | 3,687  | 272.5 | 34.2    |
| 2.     | Malignant Neoplasms                                               | 2,556  | 188.9 | 23.7    |
| 3.     | Cerebrovascular Disease                                           | 1,138  | 84.1  | 10.5    |
| 4.     | Influenza & Pneumonia                                             | 397    | 29.3  | 3.7     |
| 5.     | Bronchitis, Emphysema, Asthma &<br>Chronic Obstructive Pulm. Dis. | 377    | 27.9  | 3.5     |
| 6.     | Accidents                                                         | 349    | 25.8  | 3.2     |
| 7.     | Arteriosclerosis                                                  | 236    | 17.4  | 2.2     |
| 8.     | Diabetes Mellitus                                                 | 188    | 13.9  | 1.7     |
| 9.     | Alcoholic Diseases                                                | 99     | 7.3   | 0.9     |
| 10.    | Other Diseases of Arteries                                        | 86     | 6.4   | 0.8     |
| 11.    | Suicide                                                           | 83     | 6.1   | 0.8     |
| 12.    | Nephritis & Nephrosis                                             | 80     | 5.9   | 0.7     |
| 13.    | Congenital Anomalies                                              | 66     | 4.9   | 0.6     |
| 14.    | Certain Causes in Early Infancy                                   | 63     | 4.7   | 0.6     |
| 15.    | Homicide                                                          | 48     | 3.5   | 0.4     |
|        | All Other Causes                                                  | 1,337  | 98.8  | 12.4    |



TABLE 38. AGE SPECIFIC DEATH RATES BY SEX FOR THE LEADING CAUSES OF DEATH, OREGON, 1984

| CAUSE OF DEATH                                               | AGE GROUPS |       |      |       |       |       |       |        |        |         |
|--------------------------------------------------------------|------------|-------|------|-------|-------|-------|-------|--------|--------|---------|
|                                                              | TOTAL      | 0-4   | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64  | 65-74  | 75+     |
| ALL CAUSES                                                   | 868.5      | 228.7 | 28.5 | 107.4 | 115.7 | 165.9 | 463.6 | 1247.2 | 2673.4 | 8393.8  |
| Male                                                         | 941.9      | 252.5 | 39.1 | 160.2 | 168.9 | 207.1 | 596.3 | 1594.7 | 3514.5 | 10034.8 |
| Female                                                       | 797.5      | 204.1 | 17.4 | 53.0  | 63.0  | 124.0 | 333.2 | 934.2  | 1967.6 | 7418.7  |
| Disease of the Heart                                         | 301.1      | 1.5   | .5   | 1.4   | 6.0   | 26.9  | 129.9 | 402.4  | 948.5  | 3439.8  |
| Male                                                         | 330.8      | 1.0   | .5   | 2.3   | 8.1   | 42.1  | 209.5 | 591.6  | 1338.0 | 4070.0  |
| Female                                                       | 272.5      | 2.0   | .5   | .5    | 3.8   | 11.5  | 51.6  | 231.9  | 621.7  | 3065.4  |
| Malignant Neoplasms                                          | 202.5      | 6.0   | 3.7  | 7.9   | 13.9  | 46.5  | 160.5 | 455.6  | 834.1  | 1417.6  |
| Male                                                         | 216.6      | 3.9   | 4.1  | 12.0  | 13.7  | 38.3  | 164.6 | 513.2  | 1038.9 | 1878.9  |
| Female                                                       | 188.9      | 8.1   | 3.3  | 3.8   | 14.0  | 54.9  | 156.6 | 403.7  | 662.2  | 1143.5  |
| Cerebrovascular Disease                                      | 72.1       | 1.5   | 0.0  | .9    | 1.3   | 3.5   | 17.2  | 50.7   | 171.7  | 1017.0  |
| Male                                                         | 59.8       | 1.9   | 0.0  | .5    | 1.7   | 2.2   | 19.5  | 64.1   | 191.9  | 980.0   |
| Female                                                       | 84.1       | 1.0   | 0.0  | 1.4   | .9    | 4.9   | 15.0  | 38.5   | 154.7  | 1039.0  |
| Accidents                                                    | 44.5       | 17.9  | 16.6 | 65.4  | 46.1  | 34.8  | 29.0  | 41.8   | 48.4   | 143.6   |
| Male                                                         | 64.0       | 20.5  | 26.2 | 100.8 | 74.2  | 51.8  | 45.8  | 61.5   | 66.5   | 179.8   |
| Female                                                       | 25.8       | 15.2  | 6.5  | 28.9  | 18.3  | 17.6  | 12.5  | 24.1   | 33.3   | 122.1   |
| Bronchitis, Emphysema,<br>Asthma & COPD                      | 36.0       | .5    | 0.0  | 0.0   | .4    | .5    | 7.6   | 65.0   | 166.8  | 323.3   |
| Male                                                         | 44.4       | 1.0   | 0.0  | 0.0   | .4    | 1.1   | 5.9   | 68.6   | 221.9  | 563.1   |
| Female                                                       | 27.9       | 0.0   | 0.0  | 0.0   | .4    | 0.0   | 9.2   | 61.8   | 120.6  | 180.8   |
| Pneumonia & Influenza                                        | 27.3       | 1.0   | 0.0  | .5    | 2.3   | 1.1   | 8.0   | 12.2   | 37.7   | 427.9   |
| Male                                                         | 25.1       | 1.9   | 0.0  | .9    | 3.0   | 1.1   | 5.1   | 15.1   | 51.5   | 482.1   |
| Female                                                       | 29.3       | 0.0   | 0.0  | 0.0   | 1.7   | 1.1   | 10.8  | 9.6    | 26.1   | 395.6   |
| Arteriosclerosis                                             | 16.2       | 0.0   | 0.0  | 0.0   | 0.0   | 0.0   | 1.7   | 7.2    | 29.4   | 257.7   |
| Male                                                         | 14.9       | 0.0   | 0.0  | 0.0   | 0.0   | 0.0   | 2.5   | 10.7   | 39.7   | 282.5   |
| Female                                                       | 17.4       | 0.0   | 0.0  | 0.0   | 0.0   | 0.0   | .8    | 4.0    | 20.7   | 243.0   |
| Suicides                                                     | 15.9       | 0.0   | 1.1  | 13.5  | 18.1  | 16.6  | 24.8  | 21.5   | 28.4   | 34.6    |
| Male                                                         | 26.0       | 0.0   | 2.1  | 21.2  | 30.4  | 26.4  | 36.5  | 33.9   | 50.4   | 83.0    |
| Female                                                       | 6.1        | 0.0   | 0.0  | 5.7   | 6.0   | 6.6   | 13.3  | 10.4   | 9.9    | 5.9     |
| Alcoholism,<br>Alcoholic cirrhosis, &<br>Alcoholic Psychosis | 12.9       | 0.0   | 0.0  | 0.0   | 2.6   | 6.3   | 25.6  | 49.8   | 46.0   | 25.8    |
| Male                                                         | 18.7       | 0.0   | 0.0  | 0.0   | 3.4   | 7.6   | 38.2  | 81.1   | 67.5   | 45.4    |
| Female                                                       | 7.3        | 0.0   | 0.0  | 0.0   | 1.7   | 4.9   | 13.3  | 21.7   | 27.9   | 14.1    |



TABLE 38. AGE SPECIFIC DEATH RATES BY SEX FOR THE LEADING CAUSES OF DEATH, OREGON, 1984 (Continued)

| CAUSE OF DEATH                                                    | AGE GROUPS |      |      |       |       |       |       |       |       |       |
|-------------------------------------------------------------------|------------|------|------|-------|-------|-------|-------|-------|-------|-------|
|                                                                   | TOTAL      | 0-4  | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75+   |
| Diabetes Mellitus                                                 | 12.9       | 0.0  | 0.0  | .2    | 1.5   | 2.4   | 8.4   | 16.0  | 44.0  | 131.1 |
| Male                                                              | 11.9       | 0.0  | 0.0  | .5    | 1.7   | 3.2   | 11.0  | 15.1  | 34.7  | 124.5 |
| Female                                                            | 13.9       | 0.0  | 0.0  | 0.0   | 1.3   | 1.6   | 5.8   | 16.9  | 35.1  | 135.0 |
| Other Disease of Arteries                                         | 9.5        | 0.0  | 0.0  | 0.0   | .2    | 1.1   | 2.1   | 9.3   | 41.1  | 100.9 |
| Male                                                              | 12.8       | 0.0  | 0.0  | 0.0   | .4    | 1.1   | 3.4   | 13.4  | 67.5  | 162.0 |
| Female                                                            | 6.4        | 0.0  | 0.0  | 0.0   | 0.0   | 1.1   | .8    | 5.6   | 18.9  | 64.6  |
| Nephritis & Nephrosis                                             | 6.5        | 1.5  | 0.0  | 0.0   | .9    | 1.1   | 2.1   | 5.1   | 23.5  | 72.2  |
| Male                                                              | 7.2        | 1.9  | 0.0  | 0.0   | .9    | 1.1   | 1.7   | 7.1   | 27.9  | 102.7 |
| Female                                                            | 5.9        | 1.0  | 0.0  | 0.0   | .9    | 1.1   | 2.5   | 3.2   | 19.8  | 54.0  |
| Congenital Anomalies                                              | 5.7        | 54.1 | .8   | 1.2   | 1.1   | .8    | .8    | 1.3   | 4.9   | 8.8   |
| Male                                                              | 6.6        | 57.5 | 1.0  | 1.8   | 1.3   | 1.1   | 1.7   | 1.8   | 6.4   | 11.9  |
| Female                                                            | 4.9        | 50.5 | .5   | .5    | .9    | .5    | 0.0   | .8    | 3.6   | 7.0   |
| Certain Causes in Early Infancy                                   | 5.1        | 67.0 | 0.0  | 0.0   | 0.0   | .3    | 0.0   | 0.0   | 0.0   | 0.0   |
| Male                                                              | 5.6        | 71.2 | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Female                                                            | 4.7        | 62.6 | 0.0  | 0.0   | 0.0   | .5    | 0.0   | 0.0   | 0.0   | 0.0   |
| Homicides                                                         | 5.1        | 2.0  | 1.6  | 6.5   | 7.5   | 6.0   | 8.8   | 3.8   | 3.9   | 1.5   |
| Male                                                              | 6.7        | 3.9  | 1.0  | 8.3   | 9.4   | 9.2   | 11.9  | 4.5   | 4.3   | 2.0   |
| Female                                                            | 3.5        | 0.0  | 2.2  | 4.7   | 5.5   | 2.7   | 5.8   | 3.2   | 3.6   | 1.2   |
| Sudden Infant Death Syndrome                                      | 4.1        | 54.1 | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Male                                                              | 5.0        | 63.4 | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Female                                                            | 3.3        | 44.5 | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| Hypertension                                                      | 2.7        | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | .8    | 2.5   | 10.3  | 30.9  |
| Male                                                              | 2.1        | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | .8    | 1.8   | 11.8  | 27.7  |
| Female                                                            | 3.2        | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | .8    | 3.2   | 9.0   | 32.9  |
| Peptic Ulcer                                                      | 2.5        | 0.0  | 0.0  | .2    | 0.0   | .5    | .8    | 5.9   | 4.4   | 28.0  |
| Male                                                              | 2.4        | 0.0  | 0.0  | .5    | 0.0   | .5    | .8    | 8.0   | 1.1   | 35.6  |
| Female                                                            | 2.6        | 0.0  | 0.0  | 0.0   | 0.0   | .5    | .8    | 4.0   | 7.2   | 23.5  |
| Injuries Undetermined Whether Accidentally or Purposely Inflicted | 2.3        | 1.5  | .3   | 1.9   | 4.9   | 2.7   | 2.1   | 2.1   | 2.4   | .7    |
| Male                                                              | 3.2        | 1.9  | .5   | 2.3   | 7.3   | 2.7   | 4.2   | 2.7   | 4.3   | 0.0   |
| Female                                                            | 1.4        | 1.0  | 0.0  | 1.4   | 2.6   | 2.7   | 0.0   | 1.6   | .9    | 1.2   |

All rates per 100,000 population within the specific age groups.

TABLE 39. DEATHS BY MARITAL STATUS, SEX AND AGE GROUPS, OREGON, 1984

| MARITAL<br>STATUS<br>& SEX | TOTAL  | AGE AT DEATH |       |       |       |       |       |       |       |
|----------------------------|--------|--------------|-------|-------|-------|-------|-------|-------|-------|
|                            |        | <15          | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 |
| TOTAL*                     | 23,101 | 569          | 190   | 270   | 252   | 290   | 294   | 316   | 455   |
| Male                       | 12,311 | 335          | 133   | 215   | 186   | 208   | 185   | 199   | 290   |
| Female*                    | 10,790 | 234          | 57    | 55    | 66    | 82    | 109   | 117   | 165   |
| SINGLE*                    | 2,217  | 569          | 184   | 207   | 116   | 73    | 53    | 31    | 27    |
| Male                       | 1,451  | 335          | 131   | 171   | 98    | 57    | 44    | 23    | 18    |
| Female*                    | 766    | 234          | 53    | 36    | 18    | 16    | 9     | 8     | 9     |
| MARRIED                    | 10,638 | -            | 6     | 49    | 91    | 135   | 169   | 192   | 294   |
| Male                       | 7,509  | -            | 2     | 37    | 62    | 93    | 95    | 116   | 194   |
| Female                     | 3,129  | -            | 4     | 12    | 29    | 42    | 74    | 76    | 100   |
| WIDOWED                    | 7,856  | -            | -     | 2     | 4     | 2     | 4     | 6     | 20    |
| Male                       | 1,940  | -            | -     | 1     | 2     | -     | 2     | 3     | 7     |
| Female                     | 5,916  | -            | -     | 1     | 2     | 2     | 2     | 3     | 13    |
| DIVORCED                   | 2,306  | -            | -     | 11    | 41    | 77    | 67    | 79    | 113   |
| Male                       | 1,334  | -            | -     | 5     | 24    | 55    | 43    | 50    | 70    |
| Female                     | 972    | -            | -     | 6     | 17    | 22    | 24    | 29    | 43    |
| UNKNOWN                    | 84     | -            | -     | 1     | -     | 3     | 1     | 8     | 1     |
| Male                       | 77     | -            | -     | 1     | -     | 3     | 1     | 7     | 1     |
| Female                     | 7      | -            | -     | -     | -     | -     | -     | 1     | -     |

| AGE AT DEATH |       |       |       |       |       |       |       |       |       |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|              | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90 +  |
| TOTAL        | 648   | 1,132 | 1,822 | 2,420 | 3,045 | 3,205 | 3,131 | 2,698 | 2,364 |
| Male         | 413   | 671   | 1,119 | 1,479 | 1,799 | 1,769 | 1,534 | 1,065 | 711   |
| Female       | 235   | 461   | 703   | 941   | 1,246 | 1,436 | 1,597 | 1,633 | 1,653 |
| SINGLE       | 35    | 67    | 86    | 94    | 142   | 134   | 148   | 127   | 124   |
| Male         | 27    | 56    | 62    | 63    | 101   | 89    | 86    | 49    | 41    |
| Female       | 8     | 11    | 24    | 31    | 41    | 45    | 62    | 78    | 83    |
| MARRIED      | 419   | 758   | 1,201 | 1,538 | 1,776 | 1,655 | 1,266 | 758   | 331   |
| Male         | 271   | 461   | 790   | 1,078 | 1,271 | 1,227 | 940   | 596   | 276   |
| Female       | 148   | 297   | 411   | 460   | 505   | 428   | 326   | 162   | 55    |
| WIDOWED      | 35    | 99    | 233   | 458   | 801   | 1,163 | 1,536 | 1,682 | 1,811 |
| Male         | 13    | 19    | 73    | 133   | 228   | 309   | 418   | 371   | 361   |
| Female       | 22    | 80    | 160   | 325   | 573   | 854   | 1,118 | 1,311 | 1,450 |
| DIVORCED     | 151   | 204   | 295   | 314   | 317   | 241   | 175   | 129   | 92    |
| Male         | 94    | 131   | 187   | 192   | 190   | 133   | 85    | 47    | 28    |
| Female       | 57    | 73    | 108   | 122   | 127   | 108   | 90    | 82    | 64    |
| UNKNOWN      | 8     | 4     | 7     | 16    | 9     | 12    | 6     | 2     | 6     |
| Male         | 8     | 4     | 7     | 13    | 9     | 11    | 5     | 2     | 5     |
| Female       | -     | -     | -     | 3     | -     | 1     | 1     | -     | 1     |

\* Includes one with age not stated.

TABLE 40 RESIDENT DEATHS FOR SELECTED CAUSES BY AGE AND SEX, OREGON, 1984

| 9th Rev.<br>ICDA          | CAUSE OF DEATH                             | TOTAL  | Under<br>1<br>Year | 1-4 | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 +  |
|---------------------------|--------------------------------------------|--------|--------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|
|                           | ALL CAUSES                                 | 23,101 | 388                | 73  | 108  | 460   | 542   | 610   | 1,103 | 2,934 | 5,465 | 6,336 | 5,062 |
|                           | MALE                                       | 12,311 | 215                | 44  | 76   | 348   | 394   | 384   | 703   | 1,790 | 3,278 | 3,303 | 1,776 |
|                           | FEMALE                                     | 10,790 | 173                | 29  | 32   | 112   | 148   | 226   | 400   | 1,164 | 2,187 | 3,033 | 3,286 |
|                           | <u>I. INFECTIVE AND PARASITIC DISEASES</u> |        |                    |     |      |       |       |       |       |       |       |       |       |
| 010-018,<br>137           | Tuberculosis, All Forms                    | 23     | -                  | -   | -    | -     | -     | 3     | 3     | 2     | 3     | 10    | 2     |
|                           | Male                                       | 17     | -                  | -   | -    | -     | -     | 2     | 3     | 1     | 2     | 8     | 1     |
|                           | Female                                     | 6      | -                  | -   | -    | -     | -     | 1     | -     | 1     | 1     | 2     | 1     |
| 038                       | Septicemia                                 | 72     | 2                  | 1   | -    | -     | -     | 1     | 1     | 8     | 12    | 23    | 24    |
|                           | Male                                       | 32     | 1                  | 1   | -    | -     | -     | -     | 1     | 3     | 5     | 11    | 10    |
|                           | Female                                     | 40     | 1                  | -   | -    | -     | -     | 1     | -     | 5     | 7     | 12    | 14    |
| 070                       | Viral Hepatitis                            | 17     | 1                  | -   | -    | 1     | 3     | 3     | 1     | 3     | 2     | 2     | 1     |
|                           | Male                                       | 10     | -                  | -   | -    | -     | 2     | 3     | 1     | 3     | 1     | -     | -     |
|                           | Female                                     | 7      | 1                  | -   | -    | 1     | 1     | -     | -     | -     | 1     | 2     | 1     |
| Residual<br>of<br>001-139 | Other Infective & Parasitic Diseases       | 60     | 5                  | -   | 3    | 4     | 4     | 1     | 5     | 7     | 8     | 13    | 10    |
|                           | Male                                       | 33     | 3                  | -   | 2    | 2     | 3     | 1     | 4     | 3     | 7     | 5     | 4     |
|                           | Female                                     | 27     | 3                  | -   | 1    | 2     | 1     | -     | 1     | 4     | 1     | 8     | 6     |
|                           | <u>II. NEOPLASMS</u>                       |        |                    |     |      |       |       |       |       |       |       |       |       |
| 140-208                   | Malignant Neoplasms                        | 5,387  | 3                  | 9   | 14   | 34    | 65    | 171   | 382   | 1,079 | 1,705 | 1,316 | 609   |
|                           | Male                                       | 2,831  | -                  | 4   | 8    | 26    | 32    | 71    | 194   | 576   | 969   | 704   | 247   |
|                           | Female                                     | 2,556  | 3                  | 5   | 6    | 8     | 33    | 100   | 188   | 503   | 736   | 612   | 362   |
| 140-149                   | Of Buccal Cavity & Pharynx                 | 92     | -                  | -   | -    | -     | -     | 1     | 12    | 23    | 31    | 20    | 5     |
|                           | Male                                       | 54     | -                  | -   | -    | -     | -     | 1     | 8     | 15    | 18    | 10    | 2     |
|                           | Female                                     | 38     | -                  | -   | -    | -     | -     | -     | 4     | 8     | 13    | 10    | 3     |
| 150-159                   | Of Digestive Organs & Peritoneum           | 1,280  | -                  | -   | 1    | -     | 11    | 24    | 62    | 220   | 409   | 353   | 200   |
|                           | Male                                       | 640    | -                  | -   | -    | -     | 7     | 9     | 39    | 132   | 231   | 158   | 64    |
|                           | Female                                     | 640    | -                  | -   | 1    | -     | 4     | 15    | 23    | 88    | 178   | 195   | 136   |
| 150                       | Esophagus                                  | 104    | -                  | -   | -    | -     | 1     | 1     | 10    | 21    | 35    | 26    | 10    |
|                           | Male                                       | 71     | -                  | -   | -    | -     | 1     | -     | 7     | 20    | 25    | 16    | 2     |
|                           | Female                                     | 33     | -                  | -   | -    | -     | -     | 1     | 3     | 1     | 10    | 10    | 8     |
| 151                       | Stomach                                    | 136    | -                  | -   | -    | -     | 2     | 3     | 8     | 18    | 40    | 41    | 24    |
|                           | Male                                       | 84     | -                  | -   | -    | -     | -     | 2     | 6     | 13    | 27    | 25    | 11    |
|                           | Female                                     | 52     | -                  | -   | -    | -     | 2     | 1     | 2     | 5     | 13    | 16    | 13    |
| 153                       | Large Intestine (exc. Rectum)              | 520    | -                  | -   | -    | -     | 3     | 4     | 21    | 78    | 179   | 151   | 84    |
|                           | Male                                       | 222    | -                  | -   | -    | -     | 3     | 1     | 10    | 31    | 94    | 60    | 23    |
|                           | Female                                     | 298    | -                  | -   | -    | -     | -     | 3     | 11    | 47    | 85    | 91    | 61    |

TABLE 40. 1984 Continued

| 9th Rev.<br>ICDA | CAUSE OF DEATH                                                   | TOTAL                 | Under<br>1<br>Year | 1-4         | 5-14        | 15-24       | 25-34         | 35-44          | 45-54           | 55-64             | 65-74             | 75-84             | 85 +           |
|------------------|------------------------------------------------------------------|-----------------------|--------------------|-------------|-------------|-------------|---------------|----------------|-----------------|-------------------|-------------------|-------------------|----------------|
| 154              | Rectum<br>Male<br>Female                                         | 79<br>42<br>37        | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | 1<br>1<br>-   | 1<br>-<br>1    | 3<br>2<br>1     | 20<br>11<br>9     | 23<br>13<br>10    | 20<br>8<br>12     | 11<br>7<br>4   |
| 157              | Pancreas<br>Male<br>Female                                       | 307<br>156<br>151     | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | 1<br>1<br>-   | 9<br>3<br>6    | 16<br>12<br>4   | 63<br>43<br>20    | 95<br>52<br>43    | 86<br>33<br>53    | 37<br>12<br>25 |
| 160-165          | Of Respiratory/Intrathoracic Organ<br>Male<br>Female             | 1,637<br>1,055<br>582 | -<br>-<br>-        | 1<br>-<br>1 | 1<br>1<br>- | 2<br>2<br>- | 4<br>3<br>1   | 33<br>17<br>16 | 131<br>72<br>54 | 420<br>267<br>153 | 594<br>395<br>199 | 360<br>239<br>121 | 91<br>54<br>37 |
| 162.2-.9         | Bronchus and Lung<br>Male<br>Female                              | 1,534<br>1,014<br>520 | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | 3<br>3<br>-   | 30<br>14<br>16 | 128<br>74<br>54 | 405<br>255<br>150 | 576<br>381<br>195 | 355<br>234<br>121 | 86<br>52<br>34 |
| 170-175          | Of Bone, Connective Tissue,<br>Skin and Breast<br>Male<br>Female | 597<br>91<br>506      | -<br>-<br>-        | -<br>-<br>- | 1<br>-<br>1 | 6<br>3<br>3 | 20<br>5<br>15 | 45<br>7<br>38  | 69<br>11<br>58  | 133<br>22<br>111  | 144<br>26<br>118  | 111<br>12<br>99   | 68<br>5<br>63  |
| 174-175          | Breast<br>Male<br>Female                                         | 458<br>3<br>455       | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | 13<br>-<br>13 | 34<br>-<br>34  | 56<br>1<br>55   | 102<br>2<br>100   | 108<br>-<br>108   | 89<br>-<br>89     | 56<br>-<br>56  |
| 179-187          | Of Genital Organs<br>Male<br>Female                              | 616<br>335<br>281     | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | 5<br>3<br>2 | 12<br>3<br>9  | 13<br>-<br>13  | 25<br>3<br>22   | 88<br>28<br>60    | 193<br>102<br>91  | 189<br>130<br>59  | 91<br>66<br>25 |
| 179-182          | Cervix & Uterus                                                  | 118                   | -                  | -           | -           | -           | 7             | 5              | 9               | 21                | 34                | 28                | 14             |
| 183.0            | Ovary                                                            | 149                   | -                  | -           | -           | 2           | 2             | 7              | 13              | 38                | 50                | 25                | 9              |
| 185              | Prostate                                                         | 326                   | -                  | -           | -           | -           | -             | -              | 2               | 27                | 101               | 130               | 66             |
| 188-189          | Of Urinary Organs<br>Male<br>Female                              | 219<br>142<br>77      | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-   | 6<br>5<br>1    | 12<br>9<br>3    | 35<br>24<br>11    | 63<br>44<br>19    | 62<br>42<br>20    | 41<br>18<br>23 |
| 188              | Bladder<br>Male<br>Female                                        | 121<br>83<br>38       | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-   | -<br>-<br>-    | 6<br>5<br>1     | 12<br>10<br>2     | 30<br>24<br>6     | 41<br>29<br>12    | 32<br>15<br>17 |
| 190-199          | Of Other & Unspecified Sites<br>Male<br>Female                   | 455<br>248<br>207     | -<br>-<br>-        | 6<br>3<br>3 | 6<br>4<br>2 | 7<br>5<br>2 | 3<br>1<br>2   | 28<br>18<br>10 | 37<br>25<br>12  | 88<br>54<br>34    | 136<br>77<br>59   | 93<br>46<br>47    | 51<br>15<br>36 |
| 191              | Brain<br>Male<br>Female                                          | 154<br>96<br>58       | -<br>-<br>-        | 2<br>2<br>- | 4<br>2<br>2 | 5<br>3<br>2 | 2<br>1<br>1   | 18<br>12<br>6  | 23<br>15<br>8   | 35<br>25<br>12    | 44<br>26<br>18    | 18<br>11<br>7     | 3<br>1<br>2    |



TABLE 40. 1984 Continued

| 9th Rev.<br>ICDA          | CAUSE OF DEATH                                                                  | TOTAL             | Under<br>1<br>Year | 1-4         | 5-14        | 15-24         | 25-34         | 35-44         | 45-54          | 55-64          | 65-74           | 75-84           | 85 +           |
|---------------------------|---------------------------------------------------------------------------------|-------------------|--------------------|-------------|-------------|---------------|---------------|---------------|----------------|----------------|-----------------|-----------------|----------------|
| 200-208                   | Of Lymphatic and Hematopoietic<br>Tissues<br>Male<br>Female                     | 491<br>266<br>225 | 3<br>-<br>3        | 2<br>1<br>1 | 5<br>3<br>2 | 14<br>13<br>1 | 15<br>13<br>2 | 21<br>14<br>7 | 34<br>22<br>12 | 72<br>34<br>38 | 135<br>76<br>59 | 128<br>67<br>61 | 62<br>23<br>39 |
| 204-208                   | Leukemia<br>Male<br>Female                                                      | 20<br>118<br>90   | 3<br>-<br>3        | 1<br>-<br>1 | 4<br>3<br>1 | 7<br>6<br>1   | 5<br>5<br>-   | 10<br>6<br>4  | 15<br>8<br>7   | 24<br>13<br>11 | 48<br>31<br>17  | 57<br>32<br>25  | 34<br>14<br>20 |
| 204                       | Lymphatic Leukemia<br>Male<br>Female                                            | 56<br>34<br>22    | -<br>-<br>-        | -<br>-<br>- | 1<br>3<br>1 | 2<br>1<br>1   | 1<br>1<br>-   | 1<br>-<br>1   | 3<br>3<br>-    | 5<br>3<br>2    | 14<br>9<br>5    | 16<br>12<br>4   | 13<br>5<br>8   |
| 210-229                   | Benign Neoplasms<br>Male<br>Female                                              | 22<br>8<br>14     | 1<br>-<br>1        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-   | 1<br>-<br>1   | 4<br>2<br>2   | 1<br>-<br>1    | 3<br>-<br>3    | 2<br>2<br>-     | 10<br>4<br>6    | -<br>-<br>-    |
| 230-239                   | In Situ, Uncertain Behavior &<br>Unspecified Nature Neoplasms<br>Male<br>Female | 45<br>21<br>24    | 2<br>-<br>2        | -<br>-<br>- | -<br>-<br>- | 1<br>-<br>1   | 3<br>3<br>-   | -<br>-<br>-   | 1<br>1<br>-    | 7<br>5<br>2    | 13<br>2<br>11   | 10<br>6<br>4    | 8<br>4<br>4    |
| 250                       | III. ENDOCRINE, NUTRITIONAL, AND<br>METABOLIC DISEASES                          | 343<br>155<br>188 | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | 1<br>1<br>-   | 7<br>4<br>3   | 9<br>6<br>3   | 20<br>13<br>7  | 38<br>17<br>21 | 90<br>51<br>39  | 113<br>41<br>72 | 65<br>22<br>43 |
| Residual<br>of<br>240-279 | Diabetes Mellitus<br>Male<br>Female                                             | 121<br>54<br>67   | 1<br>-<br>1        | -<br>-<br>- | 4<br>1<br>3 | 4<br>3<br>1   | 7<br>5<br>2   | 6<br>6<br>-   | 6<br>3<br>3    | 9<br>4<br>5    | 27<br>14<br>13  | 28<br>11<br>17  | 29<br>7<br>22  |
| 280-285                   | Other Endocrine, Nutritional, and<br>Metabolic Diseases<br>Male<br>Female       | 20<br>10<br>10    | -<br>-<br>-        | 2<br>2<br>- | 1<br>-<br>1 | -<br>-<br>-   | -<br>-<br>-   | -<br>-<br>-   | -<br>-<br>-    | 2<br>1<br>1    | 3<br>2<br>1     | 8<br>3<br>5     | 4<br>2<br>2    |
| Residual<br>of<br>280-289 | IV. DISEASES OF THE BLOOD AND<br>BLOOD-FORMING ORGANS                           | 50<br>32<br>18    | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-   | 1<br>1<br>-   | -<br>-<br>-   | 3<br>3<br>-    | 9<br>4<br>5    | 15<br>10<br>5   | 15<br>8<br>7    | 7<br>6<br>1    |
| 291                       | V. MENTAL DISORDERS                                                             | 5<br>4<br>1       | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-   | -<br>-<br>-   | -<br>-<br>-   | 2<br>2<br>-    | 1<br>1<br>1    | 2<br>2<br>-     | -<br>-<br>-     | -<br>-<br>-    |
|                           | Alcoholic Psychoses<br>Male<br>Female                                           |                   |                    |             |             |               |               |               |                |                |                 |                 |                |



TABLE 40. 1904 Continued

| 9th Rev.<br>ICDA                                       | CAUSE OF DEATH                                                             | TOTAL                    | Under<br>1<br>Year | 1-4         | 5-14        | 15-24        | 25-34          | 35-44           | 45-54            | 55-64               | 65-74                 | 75-84                   | 85 +                    |
|--------------------------------------------------------|----------------------------------------------------------------------------|--------------------------|--------------------|-------------|-------------|--------------|----------------|-----------------|------------------|---------------------|-----------------------|-------------------------|-------------------------|
| 303                                                    | Alcoholism<br>Male<br>Female                                               | 64<br>48<br>16           | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-  | 2<br>1<br>1    | 6<br>4<br>2     | 8<br>6<br>2      | 25<br>21<br>4       | 15<br>10<br>5         | 7<br>5<br>2             | 1<br>1<br>-             |
| 304                                                    | Drug Dependence<br>Male<br>Female                                          | 1<br>1<br>-              | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-  | 1<br>1<br>-    | -<br>-<br>-     | -<br>-<br>-      | -<br>-<br>-         | -<br>-<br>-           | -<br>-<br>-             | -<br>-<br>-             |
| Residual<br>of<br>290-319                              | Other Mental Disorders<br>Male<br>Female                                   | 203<br>67<br>136         | -<br>-<br>-        | -<br>-<br>- | 3<br>2<br>1 | 1<br>1<br>-  | 2<br>1<br>1    | 1<br>-<br>1     | 1<br>1<br>-      | 6<br>2<br>4         | 21<br>7<br>14         | 69<br>27<br>42          | 99<br>26<br>73          |
| VI. DISEASES OF THE NERVOUS SYSTEM<br>AND SENSE ORGANS |                                                                            |                          |                    |             |             |              |                |                 |                  |                     |                       |                         |                         |
| 320-322                                                | Meningitis<br>Male<br>Female                                               | 8<br>6<br>2              | 2<br>1<br>1        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-  | -<br>-<br>-    | -<br>-<br>-     | 1<br>1<br>-      | 3<br>3<br>-         | 2<br>1<br>1           | -<br>-<br>-             | -<br>-<br>-             |
| 332                                                    | Parkinson's Disease<br>Male<br>Female                                      | 99<br>54<br>45           | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-  | -<br>-<br>-    | -<br>-<br>-     | -<br>-<br>-      | 2<br>1<br>1         | 27<br>19<br>8         | 49<br>22<br>27          | 21<br>12<br>9           |
| 345                                                    | Epilepsy<br>Male<br>Female                                                 | 17<br>12<br>5            | -<br>-<br>-        | -<br>-<br>- | 3<br>2<br>1 | -<br>-<br>-  | -<br>-<br>-    | 7<br>7<br>-     | 2<br>2<br>-      | 3<br>-<br>3         | 1<br>-<br>1           | 1<br>1<br>-             | -<br>-<br>-             |
| Residual<br>of<br>320-389                              | Hereditary & Degenerative Diseases<br>Male<br>Female                       | 307<br>138<br>169        | 6<br>4<br>2        | 8<br>6<br>2 | 4<br>2<br>2 | 6<br>4<br>2  | 5<br>4<br>1    | 9<br>4<br>5     | 11<br>2<br>9     | 33<br>13<br>20      | 71<br>35<br>36        | 92<br>49<br>43          | 62<br>15<br>47          |
| VII. DISEASES OF THE CIRCULATORY<br>SYSTEM             |                                                                            |                          |                    |             |             |              |                |                 |                  |                     |                       |                         |                         |
| 390-448                                                | Major Cardiovascular Diseases<br>Male<br>Female                            | 10,696<br>5,504<br>5,192 | 5<br>3<br>2        | 1<br>-<br>1 | 2<br>1<br>1 | 10<br>6<br>4 | 35<br>24<br>11 | 117<br>85<br>32 | 362<br>278<br>84 | 1,123<br>770<br>353 | 2,458<br>1,541<br>917 | 3,417<br>1,794<br>1,663 | 5,166<br>1,042<br>2,124 |
| 390-398,<br>402,<br>404-429                            | Diseases of the Heart<br>Male<br>Female                                    | 8,022<br>4,333<br>3,689  | 3<br>1<br>2        | -<br>-<br>- | 2<br>1<br>1 | 6<br>5<br>1  | 28<br>19<br>9  | 100<br>79<br>21 | 310<br>247<br>63 | 958<br>669<br>289   | 1,942<br>1,251<br>691 | 2,494<br>1,321<br>1,173 | 2,179<br>740<br>1,439   |
| 390-398                                                | Rheumatic Fever & Chronic<br>Rheumatic Heart Disease<br>Male<br>Female     | 98<br>33<br>65           | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-  | 1<br>-<br>1    | 2<br>1<br>1     | 7<br>4<br>3      | 12<br>4<br>8        | 31<br>14<br>17        | 28<br>7<br>21           | 17<br>3<br>14           |
| 402, 404                                               | Hypertensive Heart Disease<br>with/without Renal Disease<br>Male<br>Female | 224<br>86<br>138         | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-  | 1<br>1<br>-    | 1<br>1<br>-     | 3<br>2<br>1      | 20<br>9<br>11       | 62<br>27<br>35        | 83<br>34<br>49          | 54<br>12<br>42          |

TABLE 40. 1984 Continued

| 9th Rev.<br>ICDA | CAUSE OF DEATH                                                     | TOTAL                   | Under<br>1<br>Year | 1-4         | 5-14        | 15-24       | 25-34         | 35-44          | 45-54            | 55-64             | 65-74               | 75-84                 | 85 +                    |
|------------------|--------------------------------------------------------------------|-------------------------|--------------------|-------------|-------------|-------------|---------------|----------------|------------------|-------------------|---------------------|-----------------------|-------------------------|
| 410-414          | Ischemic Heart Disease<br>Male<br>Female                           | 6,009<br>3,361<br>2,648 | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | 14<br>11<br>3 | 73<br>63<br>10 | 245<br>369<br>40 | 756<br>545<br>211 | 1,498<br>996<br>502 | 1,851<br>1,014<br>837 | 1,572<br>1,527<br>1,045 |
| 410              | Myocardial Infarction<br>Male<br>Female                            | 2,228<br>1,296<br>932   | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | 5<br>3<br>2   | 32<br>26<br>6  | 94<br>79<br>15   | 353<br>255<br>98  | 634<br>396<br>238   | 686<br>384<br>302     | 424<br>153<br>271       |
| 411              | Other Acute & Subacute<br>Male<br>Female                           | 16<br>11<br>5           | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-   | -<br>-<br>-    | 2<br>1<br>1      | 2<br>1<br>1       | 2<br>2<br>-         | 8<br>6<br>2           | 2<br>1<br>1             |
| 412-414          | Chronic Ischemic Heart<br>Disease<br>Male<br>Female                | 3,765<br>2,054<br>1,711 | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | 9<br>8<br>1   | 41<br>37<br>4  | 149<br>125<br>24 | 401<br>289<br>112 | 862<br>598<br>264   | 1,157<br>624<br>533   | 1,146<br>1,373<br>773   |
| 415-429          | All Other Forms<br>Male<br>Female                                  | 1,691<br>853<br>838     | 3<br>1<br>2        | -<br>-<br>- | 2<br>1<br>1 | 6<br>5<br>1 | 12<br>7<br>5  | 24<br>14<br>10 | 55<br>36<br>19   | 170<br>111<br>59  | 351<br>214<br>137   | 532<br>266<br>266     | 536<br>198<br>338       |
| 401, 403         | Hypertension<br>Male<br>Female                                     | 71<br>28<br>43          | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-   | -<br>-<br>-    | 2<br>1<br>1      | 6<br>2<br>4       | 21<br>11<br>10      | 26<br>13<br>13        | 16<br>1<br>15           |
| 430-438          | Cerebrovascular Disease<br>Male<br>Female                          | 1,919<br>781<br>1,138   | 2<br>2<br>-        | 1<br>-<br>1 | -<br>-<br>- | 4<br>1<br>3 | 6<br>4<br>2   | 13<br>4<br>9   | 41<br>23<br>18   | 120<br>72<br>48   | 351<br>179<br>172   | 690<br>291<br>399     | 691<br>205<br>486       |
| 430              | Subarachnoid Hemorrhage<br>Male<br>Female                          | 66<br>23<br>43          | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | 2<br>1<br>1 | 1<br>-<br>1   | 5<br>1<br>4    | 14<br>5<br>9     | 15<br>8<br>7      | 14<br>5<br>9        | 10<br>2<br>8          | 5<br>1<br>4             |
| 431-432          | Intracerebral & Intracranial<br>Hemorrhages<br>Male<br>Female      | 192<br>91<br>101        | -<br>-<br>-        | 1<br>-<br>1 | -<br>-<br>- | -<br>-<br>- | 4<br>3<br>1   | 4<br>2<br>2    | 11<br>5<br>6     | 29<br>14<br>15    | 57<br>27<br>30      | 56<br>28<br>28        | 30<br>12<br>18          |
| 434              | Cerebral Thrombosis & Embolism<br>Male<br>Female                   | 307<br>134<br>173       | 1<br>1<br>-        | -<br>-<br>- | -<br>-<br>- | 2<br>-<br>2 | -<br>-<br>-   | 2<br>-<br>2    | 3<br>2<br>1      | 11<br>8<br>3      | 55<br>36<br>19      | 124<br>53<br>71       | 109<br>34<br>75         |
| 436              | Acute but Ill-Defined<br>Cerebrovascular Disease<br>Male<br>Female | 1,093<br>422<br>671     | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | 1<br>1<br>-   | -<br>-<br>-    | 12<br>10<br>2    | 45<br>29<br>16    | 200<br>97<br>103    | 407<br>162<br>245     | 428<br>123<br>305       |

TABLE 40. 1984 Continued

| 9th Rev.<br>ICDA                            | CAUSE OF DEATH                                                                            | TOTAL             | Under<br>1<br>Year | 1-4         | 5-14        | 15-24       | 25-34        | 35-44       | 45-54         | 55-64           | 65-74             | 75-84             | 85 +              |
|---------------------------------------------|-------------------------------------------------------------------------------------------|-------------------|--------------------|-------------|-------------|-------------|--------------|-------------|---------------|-----------------|-------------------|-------------------|-------------------|
| 437                                         | Generalized Ischemic<br>Cerebrovascular Disease<br>Male<br>Female                         | 202<br>84<br>118  | 1<br>1<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-  | 1<br>1<br>- | 1<br>1<br>-   | 12<br>7<br>5    | 19<br>11<br>8     | 67<br>34<br>33    | 101<br>29<br>72   |
| 440                                         | Arteriosclerosis<br>Male<br>Female                                                        | 431<br>195<br>236 | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-  | -<br>-<br>- | 4<br>3<br>1   | 17<br>12<br>5   | 60<br>37<br>23    | 122<br>66<br>56   | 228<br>77<br>151  |
| 441-448                                     | Other Disease of Arteries,<br>Arterioles & Capillaries<br>Male<br>Female                  | 253<br>167<br>86  | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | 1<br>1<br>-  | 4<br>2<br>2 | 5<br>4<br>1   | 22<br>15<br>7   | 84<br>63<br>21    | 85<br>63<br>22    | 52<br>19<br>33    |
| 451-453                                     | Venous Thrombosis & Embolism<br>Male<br>Female                                            | 20<br>10<br>10    | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-  | 4<br>2<br>2 | 2<br>2<br>-   | 3<br>1<br>2     | 8<br>4<br>4       | -<br>-<br>-       | 3<br>1<br>2       |
| Residual<br>of<br>390-459                   | Other Diseases of the<br>Circulatory System<br>Male<br>Female                             | 26<br>15<br>11    | -<br>-<br>-        | -<br>-<br>- | 2<br>1<br>1 | -<br>-<br>- | -<br>-<br>-  | 1<br>-<br>1 | 1<br>1<br>-   | 1<br>1<br>-     | 11<br>9<br>2      | 5<br>2<br>3       | 5<br>1<br>4       |
| VIII. DISEASES OF THE RESPIRATORY<br>SYSTEM |                                                                                           |                   |                    |             |             |             |              |             |               |                 |                   |                   |                   |
| 480-486                                     | Pneumonia & Influenza<br>Male<br>Female                                                   | 725<br>328<br>397 | 2<br>2<br>-        | -<br>-<br>- | -<br>-<br>- | 2<br>2<br>- | 11<br>7<br>4 | 4<br>2<br>2 | 19<br>6<br>13 | 29<br>17<br>12  | 77<br>48<br>29    | 239<br>123<br>116 | 342<br>121<br>221 |
|                                             | Pneumonia<br>Male<br>Female                                                               | 679<br>313<br>366 | 2<br>2<br>-        | -<br>-<br>- | 2<br>2<br>- | 9<br>5<br>4 | 2<br>2<br>4  | 4<br>2<br>2 | 17<br>6<br>11 | 28<br>16<br>12  | 73<br>47<br>26    | 226<br>121<br>105 | 318<br>112<br>206 |
| 487                                         | Influenza<br>Male<br>Female                                                               | 46<br>15<br>31    | -<br>-<br>-        | -<br>-<br>- | -<br>-<br>- | 2<br>2<br>- | 2<br>2<br>-  | -<br>-<br>- | 2<br>-<br>2   | 1<br>1<br>-     | 4<br>1<br>3       | 13<br>2<br>11     | 24<br>9<br>15     |
| 490-496                                     | Bronchitis, Emphysema, Asthma and<br>Chronic Obstructive Pulmonary Dis.<br>Male<br>Female | 957<br>580<br>377 | -<br>-<br>-        | 1<br>1<br>- | -<br>-<br>- | -<br>-<br>- | 2<br>1<br>1  | 2<br>2<br>- | 18<br>7<br>11 | 154<br>77<br>77 | 341<br>207<br>134 | 331<br>223<br>108 | 108<br>62<br>46   |
| 490-491                                     | Chronic & Unspecified Bronchitis<br>Male<br>Female                                        | 49<br>25<br>24    | -<br>-<br>-        | 1<br>1<br>- | -<br>-<br>- | -<br>-<br>- | 1<br>1<br>-  | -<br>-<br>- | -<br>-<br>-   | 6<br>3<br>3     | 18<br>6<br>12     | 13<br>11<br>2     | 10<br>3<br>7      |

TABLE 40. 1984 Continued

| 9th Rev.<br>ICDA                       | CAUSE OF DEATH                                                | TOTAL             | Under<br>1-<br>Year | 1-4         | 5-14        | 15-24        | 25-34         | 35-44       | 45-54          | 55-64           | 65-74            | 75-84            | 85+            |
|----------------------------------------|---------------------------------------------------------------|-------------------|---------------------|-------------|-------------|--------------|---------------|-------------|----------------|-----------------|------------------|------------------|----------------|
| 492                                    | Emphysema<br>Male<br>Female                                   | 214<br>137<br>77  | -<br>-<br>-         | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-  | -<br>-<br>-   | -<br>-<br>- | 2<br>1<br>1    | 42<br>24<br>10  | 93<br>57<br>38   | 64<br>48<br>16   | 11<br>7<br>4   |
| 493                                    | Asthma<br>Male<br>Female                                      | 45<br>15<br>30    | -<br>-<br>-         | -<br>-<br>- | -<br>-<br>- | 1<br>-<br>1  | 1<br>-<br>1   | -<br>-<br>- | 1<br>-<br>1    | 12<br>2<br>10   | 14<br>6<br>8     | 10<br>5<br>5     | 7<br>2<br>5    |
| 496                                    | Chronic Obstructive Pul. Dis.<br>Male<br>Female               | 637<br>400<br>237 | -<br>-<br>-         | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-  | -<br>-<br>-   | 2<br>2<br>- | 15<br>6<br>9   | 94<br>48<br>46  | 210<br>136<br>74 | 241<br>159<br>82 | 75<br>49<br>26 |
| Residual<br>of<br>460-519              | Other Diseases of the respiratory<br>System<br>Male<br>Female | 201<br>109<br>92  | 1<br>1<br>-         | -<br>-<br>- | 1<br>1<br>- | 1<br>-<br>1  | -<br>-<br>-   | -<br>-<br>- | 3<br>1<br>2    | 22<br>12<br>10  | 50<br>31<br>19   | 71<br>41<br>30   | 52<br>22<br>30 |
| %. DISEASES OF THE DIGESTIVE<br>SYSTEM |                                                               |                   |                     |             |             |              |               |             |                |                 |                  |                  |                |
| 531                                    | Ulcer of Stomach<br>Male<br>Female                            | 19<br>5<br>14     | -<br>-<br>-         | -<br>-<br>- | 1<br>1<br>- | -<br>-<br>-  | -<br>-<br>-   | 1<br>1<br>- | 1<br>-<br>1    | 2<br>-<br>2     | 3<br>1<br>2      | 5<br>1<br>4      | 6<br>1<br>5    |
| 532                                    | Ulcer of Duodenum<br>Male<br>Female                           | 21<br>13<br>8     | -<br>-<br>-         | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-  | -<br>-<br>-   | -<br>-<br>- | 1<br>1<br>-    | 4<br>2<br>2     | 4<br>-<br>4      | 6<br>6<br>-      | 6<br>4<br>2    |
| 533                                    | Peptic Ulcer<br>Male<br>Female                                | 26<br>13<br>13    | -<br>-<br>-         | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-  | -<br>-<br>-   | 1<br>-<br>1 | -<br>-<br>-    | 8<br>7<br>1     | 2<br>-<br>2      | 8<br>3<br>5      | 7<br>3<br>4    |
| 550-553<br>560                         | Hernia & Intestinal Obstruction<br>Male<br>Female             | 52<br>20<br>32    | -<br>-<br>-         | -<br>-<br>- | 2<br>2<br>- | 2<br>2<br>-  | -<br>-<br>-   | -<br>-<br>- | -<br>-<br>-    | 2<br>1<br>1     | 3<br>2<br>1      | 15<br>7<br>8     | 28<br>6<br>22  |
| 571                                    | Cirrhosis of Liver<br>Male<br>Female                          | 318<br>202<br>116 | -<br>-<br>-         | -<br>-<br>- | 1<br>1<br>- | 11<br>7<br>4 | 21<br>12<br>9 | -<br>-<br>- | 57<br>38<br>19 | 101<br>69<br>32 | 89<br>55<br>34   | 35<br>18<br>17   | 3<br>2<br>1    |
| 571.0-.3                               | Alcoholic Cirrhosis of Liver<br>Male<br>Female                | 262<br>182<br>80  | -<br>-<br>-         | -<br>-<br>- | -<br>-<br>- | 10<br>7<br>3 | 16<br>9<br>7  | -<br>-<br>- | 50<br>37<br>13 | 87<br>65<br>22  | 74<br>48<br>26   | 23<br>14<br>9    | 2<br>2<br>-    |

TABLE 40. 1964 Continued

| 9th Rev.<br>ICDA                                                            | CAUSE OF DEATH                                                    | TOTAL             | Under<br>1-<br>Year | 1-4         | 5-14        | 15-24       | 25-34       | 35-44       | 45-54       | 55-64          | 65-74          | 75-84          | 85+            |
|-----------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|----------------|----------------|----------------|
| 574-576                                                                     | Diseases of the Gallbladder<br>Male<br>Female                     | 40<br>15<br>25    | -<br>-<br>-         | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | 1<br>1<br>- | 2<br>1<br>1 | 1<br>1<br>- | 6<br>3<br>3    | 4<br>2<br>2    | 11<br>3<br>8   | 15<br>4<br>11  |
| 577                                                                         | Diseases of the Pancreas<br>Male<br>Female                        | 16<br>8<br>8      | -<br>-<br>-         | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | 1<br>-<br>1 | 2<br>1<br>1 | 1<br>-<br>1    | 5<br>2<br>3    | 5<br>3<br>2    | 2<br>2<br>-    |
| Residual<br>of<br>520-579                                                   | Other Diseases of the Digestive<br>System<br>Male<br>Female       | 277<br>121<br>156 | 3<br>2<br>1         | 1<br>1<br>- | -<br>-<br>- | -<br>-<br>- | 2<br>2<br>- | 1<br>1<br>- | 7<br>4<br>3 | 30<br>18<br>12 | 67<br>35<br>32 | 83<br>33<br>50 | 83<br>25<br>58 |
| <u>X. DISEASES OF THE GENITOURINARY<br/>SYSTEM</u>                          |                                                                   |                   |                     |             |             |             |             |             |             |                |                |                |                |
| 580-589                                                                     | Nephritis & Nephrosis<br>Male<br>Female                           | 174<br>94<br>80   | 3<br>2<br>1         | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | 4<br>2<br>2 | 4<br>2<br>2 | 5<br>2<br>3 | 12<br>8<br>4   | 48<br>26<br>22 | 49<br>26<br>23 | 49<br>26<br>23 |
| 590                                                                         | Infections of the Kidney<br>Male<br>Female                        | 25<br>9<br>16     | -<br>-<br>-         | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | -<br>-<br>-    | 2<br>1<br>1    | 13<br>7<br>6   | 10<br>1<br>9   |
| 600-608                                                                     | Diseases of Male Genital Organs                                   | 6                 | -                   | -           | -           | -           | -           | -           | -           | -              | 1              | 2              | 3              |
| 614-629                                                                     | Diseases of Uterus and Other<br>Female Genital Organs             | 4                 | -                   | -           | -           | -           | -           | 1           | -           | -              | 1              | 1              | 1              |
| Residual<br>of<br>580-629                                                   | Other Diseases of the Genito-<br>Urinary System<br>Male<br>Female | 94<br>42<br>52    | -<br>-<br>-         | -<br>-<br>- | -<br>-<br>- | -<br>-<br>- | 2<br>1<br>1 | -<br>-<br>- | -<br>-<br>- | 6<br>2<br>4    | 17<br>11<br>6  | 31<br>14<br>17 | 38<br>14<br>24 |
| <u>XI. COMPLICATIONS OF PREGNANCY, CHILD-<br/>BIRTH, AND THE PUERPERIUM</u> |                                                                   |                   |                     |             |             |             |             |             |             |                |                |                |                |
| 630-676                                                                     | Complications of Pregnancy, childbirth,<br>and the Puerperium     | 5                 | -                   | -           | 3           | 1           | 1           | 1           | -           | -              | -              | -              | -              |



TABLE 40. 1984 Continued

| 9th Rev.<br>ICDA          | CAUSE OF DEATH                                                                | TOTAL | Under<br>1-<br>Year | 1-4 | 5-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85+ |
|---------------------------|-------------------------------------------------------------------------------|-------|---------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-----|
|                           | <u>XII. DISEASES OF THE SKIN AND SUB-<br/>CUTANEOUS TISSUE</u>                |       |                     |     |      |       |       |       |       |       |       |       |     |
| 680-709                   | Diseases of the Skin and Subcutaneous<br>Tissue                               | 24    | -                   | -   | -    | -     | -     | -     | 1     | 1     | 7     | 11    | 4   |
|                           | Male                                                                          | 12    | -                   | -   | -    | -     | -     | -     | -     | -     | 3     | 6     | 3   |
|                           | Female                                                                        | 12    | -                   | -   | -    | -     | -     | -     | 1     | 1     | 4     | 5     | 1   |
|                           | <u>XIII. DISEASES OF THE MUSCULOSKELETAL<br/>SYSTEM AND CONNECTIVE TISSUE</u> |       |                     |     |      |       |       |       |       |       |       |       |     |
| 710-739                   | Diseases of the Musculoskeletal<br>System and Connective Tissue               | 79    | -                   | -   | -    | -     | -     | 1     | 4     | 9     | 25    | 23    | 17  |
|                           | Male                                                                          | 29    | -                   | -   | -    | -     | -     | -     | -     | 4     | 8     | 12    | 5   |
|                           | Female                                                                        | 50    | -                   | -   | -    | -     | -     | 1     | 4     | 5     | 17    | 11    | 12  |
|                           | <u>XIV. CONGENITAL ANOMALIES</u>                                              |       |                     |     |      |       |       |       |       |       |       |       |     |
| 745-745                   | Congenital Anomalies of Heart                                                 | 58    | 39                  | 3   | 2    | 1     | -     | 2     | 2     | -     | 3     | 3     | 3   |
|                           | Male                                                                          | 34    | 20                  | 2   | 1    | 1     | -     | 2     | 2     | -     | 3     | -     | 3   |
|                           | Female                                                                        | 24    | 19                  | 1   | 1    | -     | -     | -     | -     | -     | -     | 3     | -   |
| Residual<br>of<br>740-759 | Other Congenital Anomalies                                                    | 94    | 57                  | 10  | 1    | 4     | 5     | 1     | -     | 3     | 7     | 4     | 2   |
|                           | Male                                                                          | 52    | 32                  | 5   | 1    | 3     | 3     | -     | -     | 2     | 3     | 3     | -   |
|                           | Female                                                                        | 42    | 25                  | 5   | -    | 1     | 2     | 1     | -     | 1     | 4     | 1     | 2   |
|                           | <u>XV. CERTAIN CAUSES OF MORTALITY<br/>IN EARLY INFANCY</u>                   |       |                     |     |      |       |       |       |       |       |       |       |     |
| 760-779                   | Certain Cause of Mortality in<br>Early Infancy                                | 136   | 132                 | 3   | -    | -     | -     | 1     | -     | -     | -     | -     | -   |
|                           | Male                                                                          | 73    | 72                  | 1   | -    | -     | -     | -     | -     | -     | -     | -     | -   |
|                           | Female                                                                        | 63    | 60                  | 2   | -    | -     | -     | 1     | -     | -     | -     | -     | -   |
|                           | <u>XVI. SYMPTOMS AND ILL-DEFINED<br/>CONDITIONS</u>                           |       |                     |     |      |       |       |       |       |       |       |       |     |
| 797                       | Senility                                                                      | 5     | -                   | -   | -    | -     | -     | -     | -     | -     | -     | 1     | 4   |
|                           | Male                                                                          | -     | -                   | -   | -    | -     | -     | -     | -     | -     | -     | -     | -   |
|                           | Female                                                                        | 5     | -                   | -   | -    | -     | -     | -     | -     | -     | -     | 1     | 4   |
| 798.0                     | Sudden Infant Death Syndrome                                                  | 109   | 109                 | -   | -    | -     | -     | -     | -     | -     | -     | -     | -   |
|                           | Male                                                                          | 65    | 65                  | -   | -    | -     | -     | -     | -     | -     | -     | -     | -   |
|                           | Female                                                                        | 44    | 44                  | -   | -    | -     | -     | -     | -     | -     | -     | -     | -   |
| Residual<br>of<br>780-799 | Other Symptoms and Ill-Defined<br>Conditions                                  | 226   | 3                   | 2   | -    | 4     | 5     | 2     | 15    | 33    | 43    | 51    | 68  |
|                           | Male                                                                          | 114   | 1                   | 1   | -    | 3     | 4     | 1     | 6     | 24    | 29    | 24    | 21  |
|                           | Female                                                                        | 112   | 2                   | 1   | -    | 1     | 1     | 1     | 9     | 9     | 14    | 27    | 47  |

TABLE 40. 1984 Continued

| 9th Rev.<br>ICDA                             | CAUSE OF DEATH                                                                         | TOTAL               | Under<br>1-<br>Year | 1-4            | 5-14           | 15-24            | 25-34            | 35-44           | 45-54          | 55-64          | 65-74          | 75-84           | 85+            |
|----------------------------------------------|----------------------------------------------------------------------------------------|---------------------|---------------------|----------------|----------------|------------------|------------------|-----------------|----------------|----------------|----------------|-----------------|----------------|
| XVII. ACCIDENTS, POISONINGS, AND<br>VIOLENCE |                                                                                        |                     |                     |                |                |                  |                  |                 |                |                |                |                 |                |
| 800-949                                      | Accidents<br>Male<br>Female                                                            | 1,185<br>836<br>349 | 6<br>3<br>3         | 30<br>18<br>12 | 63<br>51<br>12 | 280<br>219<br>61 | 216<br>173<br>43 | 128<br>96<br>32 | 69<br>54<br>15 | 99<br>69<br>30 | 99<br>62<br>37 | 112<br>55<br>57 | 83<br>36<br>47 |
| 810-825                                      | Motor Vehicle Accident<br>Male<br>Female                                               | 607<br>428<br>179   | 2<br>1<br>1         | 10<br>8<br>2   | 26<br>20<br>6  | 206<br>154<br>52 | 128<br>101<br>27 | 76<br>49<br>27  | 33<br>24<br>9  | 49<br>28<br>21 | 32<br>22<br>10 | 34<br>16<br>18  | 11<br>5<br>6   |
| 830-838                                      | Water Transport Accidents<br>Male<br>Female                                            | 40<br>37<br>3       | -<br>-<br>-         | -<br>-<br>-    | 1<br>1<br>-    | 10<br>8<br>2     | 13<br>12<br>1    | 6<br>6<br>-     | 3<br>3<br>-    | 4<br>4<br>-    | 3<br>3<br>-    | -<br>-<br>-     | -<br>-<br>-    |
| 840-845                                      | Air Transport Accidents<br>Male<br>Female                                              | 39<br>31<br>8       | -<br>-<br>-         | 3<br>2<br>1    | 1<br>1<br>-    | 2<br>1<br>1      | 11<br>8<br>3     | 7<br>6<br>1     | 11<br>9<br>2   | 4<br>4<br>-    | -<br>-<br>-    | -<br>-<br>-     | -<br>-<br>-    |
| 850-869                                      | Poisoning Accidents<br>Male<br>Female                                                  | 43<br>29<br>14      | -<br>-<br>-         | -<br>-<br>-    | -<br>-<br>-    | 7<br>6<br>1      | 21<br>13<br>8    | 5<br>5<br>-     | 1<br>-<br>1    | 2<br>2<br>-    | 5<br>1<br>4    | 1<br>1<br>-     | 1<br>1<br>-    |
| 880-888                                      | Accidental Falls<br>Male<br>Female                                                     | 159<br>86<br>73     | -<br>-<br>-         | 3<br>2<br>1    | -<br>-<br>-    | 6<br>6<br>-      | 7<br>6<br>1      | 5<br>5<br>-     | 9<br>8<br>1    | 9<br>6<br>3    | 21<br>10<br>11 | 43<br>18<br>25  | 56<br>25<br>31 |
| 890-899                                      | Fire & Flame Accidents<br>Male<br>Female                                               | 32<br>20<br>12      | -<br>-<br>-         | 2<br>1<br>1    | 3<br>3<br>-    | 4<br>2<br>2      | 3<br>3<br>-      | 2<br>2<br>-     | 2<br>1<br>1    | 3<br>3<br>-    | 8<br>2<br>6    | 5<br>3<br>2     | -<br>-<br>-    |
| 910                                          | Drowning and Submersion<br>Male<br>Female                                              | 62<br>48<br>14      | -<br>-<br>-         | 9<br>5<br>4    | 8<br>5<br>3    | 17<br>15<br>2    | 9<br>8<br>1      | 4<br>2<br>2     | 1<br>1<br>-    | 5<br>4<br>1    | 4<br>4<br>-    | 4<br>4<br>-     | 1<br>1<br>-    |
| 950-959                                      | Suicides<br>Male<br>Female                                                             | 423<br>340<br>83    | -<br>-<br>-         | -<br>-<br>-    | 4<br>4<br>-    | 58<br>46<br>12   | 85<br>71<br>14   | 61<br>49<br>12  | 59<br>43<br>16 | 51<br>38<br>13 | 58<br>47<br>11 | 36<br>32<br>4   | 11<br>10<br>1  |
| 960-978                                      | Homicides<br>Male<br>Female                                                            | 135<br>87<br>48     | 3<br>3<br>-         | 1<br>1<br>-    | 6<br>2<br>4    | 28<br>18<br>10   | 35<br>22<br>13   | 22<br>17<br>5   | 21<br>14<br>7  | 9<br>5<br>4    | 8<br>4<br>4    | 1<br>-<br>1     | 1<br>1<br>-    |
| 980-989                                      | Injuries Undetermined Whether<br>Accidentally or Purposely Inflicted<br>Male<br>Female | 61<br>42<br>19      | 2<br>1<br>1         | 1<br>1<br>-    | 1<br>1<br>-    | 8<br>5<br>3      | 23<br>17<br>6    | 10<br>5<br>5    | 5<br>5<br>-    | 5<br>3<br>2    | 5<br>4<br>1    | 1<br>-<br>1     | -<br>-<br>-    |

TABLE 41. RESIDENT DEATHS DUE TO OR MENTIONING EXTERNAL FACTORS, OREGON, 1984

| METHODS                           | NUMERIC TOTALS    |                |               |                |                        |                            |                                  |
|-----------------------------------|-------------------|----------------|---------------|----------------|------------------------|----------------------------|----------------------------------|
|                                   | TOTAL             | ACCI-<br>DENTS | SUI-<br>CIDES | HOMI-<br>CIDES | UNDE-<br>TER-<br>MINED | LEGAL<br>INTER-<br>VENTION | NATURAL<br>EFFECTS<br>OF ALCOHOL |
| TOTAL                             | 2,261             | 1,185          | 423           | 127            | 61                     | 8                          | 457                              |
| Firearms                          | 360               | 25             | 258           | 67             | 3                      | 7                          | -                                |
| Suffocation/<br>Hanging           | 99                | 38             | 44            | 14             | 3                      | -                          | -                                |
| Drowning/<br>Boating <sup>1</sup> | 103               | 93             | 5             | 1              | 4                      | -                          | -                                |
| Ingestion<br>of Substance         | 618               | 43             | 88            | -              | 30                     | -                          | 202*<br>457                      |
| Cutting/<br>Piercing              | 30                | 1              | 9             | 20             | -                      | -                          | -                                |
| Falls/<br>Jumping                 | 175               | 159            | 13            | -              | 3                      | -                          | -                                |
| Motor Vehicles                    | 612               | 611            | -             | -              | 1                      | -                          | -                                |
| Other                             | 264               | 215            | 6             | 25             | 17                     | 1                          | -                                |
|                                   | PERCENTAGE TOTALS |                |               |                |                        |                            |                                  |
|                                   |                   |                |               |                |                        |                            |                                  |
| Firearms                          | 100.0             | 6.9            | 71.7          | 18.6           | 0.8                    | 1.9                        | 0.0                              |
| Suffocation/<br>Hanging           | 100.0             | 38.4           | 44.4          | 14.1           | 3.0                    | 0.0                        | 0.0                              |
| Drowning/<br>Boating              | 100.0             | 90.3           | 4.9           | 1.0            | 3.9                    | 0.0                        | 0.0                              |
| Ingestion<br>of Substance         | 100.0             | 7.0            | 14.2          | 0.0            | 4.9                    | 0.0                        | 73.9                             |
| Cutting/<br>Piercing              | 100.0             | 3.3            | 30.0          | 66.7           | 0.0                    | 0.0                        | 0.0                              |
| Falls/<br>Jumping                 | 100.0             | 90.9           | 7.4           | 0.0            | 1.7                    | 0.0                        | 0.0                              |
| Motor Vehicles                    | 100.0             | 99.8           | 0.0           | 0.0            | 0.2                    | 0.0                        | 0.0                              |
| Other                             | 100.0             | 81.4           | 2.3           | 9.5            | 6.4                    | 0.4                        | 0.0                              |

<sup>1</sup> Includes boating accidents resulting in deaths from drowning.

\* Additional MENTION of Alcohol &amp; Drugs but not the underlying cause.

TABLE 42. RESIDENT DEATHS FROM SUICIDE, HOMICIDE, EXTERNAL CAUSES UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED BY AGE, SEX AND METHOD, OREGON, 1984

| METHOD OF DEATH                                          | TOTAL | AGE AND SEX |    |          |   |       |    |       |    |       |    |       |    |       |    |       |    |     |   |
|----------------------------------------------------------|-------|-------------|----|----------|---|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-----|---|
|                                                          |       | Total       |    | Under 15 |   | 15-24 |    | 25-34 |    | 35-44 |    | 45-54 |    | 55-64 |    | 65-74 |    | 75+ |   |
|                                                          |       | M           | F  | M        | F | M     | F  | M     | F  | M     | F  | M     | F  | M     | F  | M     | F  |     |   |
| METHOD OF SUICIDE                                        |       |             |    |          |   |       |    |       |    |       |    |       |    |       |    |       |    |     |   |
| TOTAL                                                    | 423   | 340         | 83 | 4        | - | 46    | 12 | 71    | 14 | 49    | 12 | 43    | 16 | 38    | 13 | 47    | 11 | 42  | 5 |
| Poisoning:                                               |       |             |    |          |   |       |    |       |    |       |    |       |    |       |    |       |    |     |   |
| Gas                                                      | 39    | 31          | 8  | -        | - | 3     | 3  | 6     | 1  | 9     | 2  | 5     | 1  | 3     | 1  | 1     | -  | 4   | - |
| Solid or Liquid                                          | 49    | 29          | 20 | -        | - | 2     | -  | 6     | 2  | 6     | 4  | 3     | 5  | 5     | 2  | 5     | 4  | 2   | 3 |
| Suffocation &                                            |       |             |    |          |   |       |    |       |    |       |    |       |    |       |    |       |    |     |   |
| Hanging                                                  | 44    | 39          | 5  | 2        | - | 9     | 1  | 13    | 1  | 4     | -  | 2     | -  | 4     | 2  | 1     | 1  | 4   | - |
| Drowning                                                 | 5     | -           | 5  | -        | - | -     | -  | -     | -  | 1     | -  | 3     | -  | -     | -  | -     | -  | -   | 1 |
| Firearms                                                 | 258   | 221         | 37 | 2        | - | 25    | 7  | 39    | 10 | 30    | 5  | 31    | 4  | 25    | 5  | 38    | 5  | 31  | 1 |
| Cutting & Piercing                                       | 9     | 7           | 2  | -        | - | 1     | -  | 4     | -  | -     | -  | 1     | -  | 1     | -  | 1     | 1  | -   | - |
| Jumping from High                                        |       |             |    |          |   |       |    |       |    |       |    |       |    |       |    |       |    |     |   |
| Places                                                   | 13    | 8           | 5  | -        | - | 3     | 1  | 1     | -  | -     | -  | 2     | 2  | -     | 2  | 1     | -  | 1   | - |
| Other                                                    | 6     | 5           | 1  | -        | - | 3     | -  | 2     | -  | -     | -  | -     | -  | -     | 1  | -     | -  | -   | - |
| METHOD OF HOMICIDE                                       |       |             |    |          |   |       |    |       |    |       |    |       |    |       |    |       |    |     |   |
| TOTAL                                                    | 135   | 87          | 48 | 6        | 4 | 18    | 10 | 22    | 13 | 17    | 5  | 14    | 7  | 5     | 4  | 4     | 4  | 1   | 1 |
| Suffocation &                                            |       |             |    |          |   |       |    |       |    |       |    |       |    |       |    |       |    |     |   |
| Hanging                                                  | 14    | 2           | 12 | -        | 2 | -     | 2  | 2     | 3  | -     | 1  | -     | 1  | -     | 1  | -     | 2  | -   | - |
| Drowning                                                 | 1     | 1           | -  | -        | - | -     | -  | -     | -  | -     | -  | 1     | -  | -     | -  | -     | -  | -   | - |
| Firearms                                                 | 67    | 49          | 18 | 3        | 1 | 11    | 4  | 13    | 6  | 11    | 1  | 7     | 3  | 3     | 2  | 1     | 1  | -   | - |
| Cutting & Piercing                                       | 20    | 12          | 8  | -        | - | 3     | 4  | 4     | 2  | 2     | -  | 2     | 2  | -     | -  | -     | -  | 1   | - |
| Legal Intervention                                       |       |             |    |          |   |       |    |       |    |       |    |       |    |       |    |       |    |     |   |
| by Firearm                                               | 8     | 8           | -  | -        | - | 3     | -  | -     | -  | 1     | -  | 3     | -  | 1     | -  | -     | -  | -   | - |
| Child Battering                                          | 1     | 1           | -  | 1        | - | -     | -  | -     | -  | -     | -  | -     | -  | -     | -  | -     | -  | -   | - |
| Other                                                    | 24    | 14          | 10 | 2        | 1 | 1     | -  | 3     | 2  | 3     | 3  | 1     | 1  | 1     | 1  | 3     | 1  | -   | 1 |
| UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED |       |             |    |          |   |       |    |       |    |       |    |       |    |       |    |       |    |     |   |
| TOTAL                                                    | 61    | 42          | 19 | 3        | 1 | 5     | 3  | 17    | 6  | 5     | 5  | 5     | -  | 3     | 2  | 4     | 1  | -   | 1 |
| Poisoning:                                               |       |             |    |          |   |       |    |       |    |       |    |       |    |       |    |       |    |     |   |
| Gas                                                      | 1     | 1           | -  | -        | - | -     | -  | -     | -  | -     | -  | -     | -  | -     | -  | 1     | -  | -   | - |
| Solid or Liquid                                          | 29    | 18          | 11 | -        | - | 2     | 1  | 10    | 5  | 3     | 2  | 2     | -  | -     | 1  | 1     | 1  | -   | 1 |
| Drowning                                                 | 4     | 4           | -  | -        | - | -     | -  | 2     | -  | 1     | -  | 1     | -  | -     | -  | -     | -  | -   | - |
| Firearms                                                 | 3     | 3           | -  | -        | - | -     | -  | -     | -  | 1     | -  | -     | -  | 1     | -  | 1     | -  | -   | - |
| Other                                                    | 24    | 16          | 8  | 3        | 1 | 3     | 2  | 5     | 1  | -     | 3  | 2     | -  | 2     | 1  | 1     | -  | -   | - |

TABLE 43. RESIDENT ACCIDENTAL DEATHS BY TYPE OR SOURCE OF INJURY, AGE GROUPS AND SEX, OREGON, 1984

| TYPE OR SOURCE OF INJURY                         | TOTAL | AGE     |   |     |    |      |    |       |    |       |    |       |    |       |    |
|--------------------------------------------------|-------|---------|---|-----|----|------|----|-------|----|-------|----|-------|----|-------|----|
|                                                  |       | Under 1 |   | 1-4 |    | 5-14 |    | 15-24 |    | 25-34 |    | 35-44 |    | 45-54 |    |
|                                                  |       | M       | F | M   | F  | M    | F  | M     | F  | M     | F  | M     | F  | M     | F  |
| TOTAL                                            | 1,185 | 3       | 3 | 18  | 12 | 51   | 12 | 219   | 61 | 173   | 43 | 96    | 32 | 54    | 15 |
| TRANSPORTATION                                   |       |         |   |     |    |      |    |       |    |       |    |       |    |       |    |
| Motor Vehicle                                    | 607   | 1       | 1 | 8   | 2  | 20   | 6  | 154   | 52 | 101   | 27 | 49    | 27 | 24    | 9  |
| Watercraft                                       | 40    | -       | - | -   | -  | 1    | -  | 8     | 2  | 12    | 1  | 6     | -  | 3     | -  |
| Aircraft                                         | 39    | -       | - | 2   | 1  | 1    | -  | 1     | 1  | 8     | 3  | 6     | 1  | 9     | 2  |
| Railway                                          | 9     | -       | - | -   | -  | -    | -  | 1     | -  | 4     | -  | 2     | -  | -     | -  |
| Other Road Vehicle                               | 1     | -       | - | -   | -  | -    | -  | 1     | -  | -     | -  | -     | -  | -     | -  |
| POISONING                                        |       |         |   |     |    |      |    |       |    |       |    |       |    |       |    |
| Gas                                              | 12    | -       | - | -   | -  | -    | -  | 3     | -  | 5     | 2  | 1     | -  | -     | -  |
| Drugs & Medicines                                | 26    | -       | - | -   | -  | -    | -  | 2     | 1  | 8     | 5  | 4     | -  | -     | -  |
| Other Solid or Liquid                            | 5     | -       | - | -   | -  | -    | -  | 1     | -  | -     | 1  | -     | -  | 1     | -  |
| SUFFOCATION OR OBSTRUCTION                       |       |         |   |     |    |      |    |       |    |       |    |       |    |       |    |
| Inhalation or Ingestion: Food                    | 16    | -       | - | -   | -  | -    | -  | 2     | -  | 1     | -  | 1     | -  | -     | 1  |
| Other Object                                     | 8     | 1       | - | -   | 1  | -    | -  | -     | -  | -     | -  | -     | -  | -     | 1  |
| Mechanical Suffocation                           | 14    | -       | 2 | -   | 1  | 4    | -  | 1     | -  | -     | 1  | -     | -  | 1     | 1  |
| MISCELLANEOUS                                    |       |         |   |     |    |      |    |       |    |       |    |       |    |       |    |
| Falls                                            | 159   | -       | - | 2   | 1  | -    | -  | 6     | -  | 6     | 1  | 5     | -  | 8     | 1  |
| Fires                                            | 32    | -       | - | 1   | 1  | 3    | -  | 2     | 2  | 3     | -  | 2     | -  | 1     | 1  |
| Drowning                                         | 62    | -       | - | 5   | 4  | 5    | 3  | 15    | 2  | 8     | 1  | 2     | 2  | 1     | -  |
| Struck by Object                                 | 29    | -       | - | -   | -  | 2    | -  | 4     | 1  | 7     | -  | 6     | -  | 1     | -  |
| Machinery                                        | 24    | -       | - | -   | -  | 2    | 1  | 1     | -  | 5     | -  | 3     | -  | 2     | -  |
| Firearms                                         | 25    | -       | - | -   | -  | 8    | 1  | 9     | -  | 1     | -  | 1     | 1  | 2     | -  |
| Electric Current                                 | 14    | -       | - | -   | -  | 1    | -  | 4     | -  | 2     | -  | 3     | -  | 3     | -  |
| Other & Unspecified                              | 29    | -       | - | -   | 1  | 2    | 1  | 3     | -  | 1     | 1  | 5     | 1  | -     | -  |
| Complications of Medical and Surgical Procedures | 21    | 1       | - | -   | -  | -    | -  | -     | -  | -     | -  | -     | -  | 5     | 2  |
| Late Effects of Accidents                        | 13    | -       | - | -   | -  | 2    | -  | 1     | -  | 1     | -  | -     | -  | 2     | -  |



TABLE 44. DEATHS OCCURRING IN OREGON BY TYPE OF ACCIDENT AND BY AGE GROUPS, 1984

| TYPE OF ACCIDENT                   | TOTAL  |      | AGE GROUPS |     |      |       |       |       |     |
|------------------------------------|--------|------|------------|-----|------|-------|-------|-------|-----|
|                                    | Number | Rate | Under 1    | 1-4 | 5-14 | 15-24 | 25-44 | 45-64 | 65+ |
| TOTAL                              | 1,209  | 45.5 | 6          | 37  | 71   | 283   | 342   | 172   | 298 |
| WORK ACCIDENTS                     | 57     | 2.1  | -          | -   | 1    | 12    | 27    | 13    | 4   |
| Logging                            | 23     | 0.9  | -          | -   | -    | 8     | 12    | 3     | -   |
| Agriculture                        | 14     | 0.5  | -          | -   | 1    | 3     | 3     | 4     | 3   |
| Mining                             | 1      | 0.0  | -          | -   | -    | 1     | -     | -     | -   |
| Construction                       | 5      | 0.2  | -          | -   | -    | -     | 4     | 1     | -   |
| Manufacturing                      | 4      | 0.2  | -          | -   | -    | -     | 2     | 2     | -   |
| Transportation                     | 2      | 0.1  | -          | -   | -    | -     | 1     | 1     | -   |
| Trade                              | 3      | 0.1  | -          | -   | -    | -     | 3     | -     | -   |
| Service                            | 1      | 0.0  | -          | -   | -    | -     | -     | -     | 1   |
| Government                         | 2      | 0.1  | -          | -   | -    | -     | 2     | -     | -   |
| Other & Unspecified                | 2      | 0.1  | -          | -   | -    | -     | -     | 2     | -   |
| HOME ACCIDENTS                     | 207    | 7.8  | 3          | 14  | 14   | 17    | 33    | 21    | 105 |
| Poisoning - Other                  | 21     | 0.8  | -          | -   | -    | 3     | 15    | -     | 3   |
| Poisoning - Gas                    | 2      | 0.1  | -          | -   | -    | -     | 2     | -     | -   |
| Falls                              | 83     | 3.1  | -          | 2   | -    | -     | -     | 7     | 74  |
| Fires                              | 33     | 1.2  | 1          | 3   | 3    | 4     | 5     | 5     | 12  |
| Drowning                           | 8      | 0.3  | -          | 5   | -    | 1     | 1     | -     | 1   |
| Suffocation, Ingestion             | 13     | 0.5  | -          | 3   | -    | 2     | 2     | 3     | 3   |
| Suffocation, Mechanical            | 6      | 0.2  | 2          | -   | 1    | -     | 1     | 1     | 1   |
| Firearms                           | 15     | 0.6  | -          | -   | 7    | 5     | 2     | 1     | -   |
| Other & Unspecified                | 26     | 1.0  | -          | 1   | 3    | 2     | 5     | 4     | 11  |
| MOTOR VEHICLE                      | 613    | 23.0 | 1          | 13  | 32   | 206   | 203   | 82    | 76  |
| Injury to Pedestrian               | 81     | 3.0  | -          | 9   | 6    | 13    | 14    | 19    | 20  |
| Injury to Pedal Cyclist            | 10     | 0.4  | -          | 1   | 7    | 1     | 1     | -     | -   |
| Collision with RR Train            | 4      | 0.2  | -          | -   | -    | -     | 4     | -     | -   |
| Collision with Other Motor Vehicle | 228    | 8.6  | 1          | 2   | 11   | 63    | 88    | 25    | 38  |
| Collision with Fixed Object        | 65     | 2.4  | -          | -   | -    | 30    | 25    | 9     | 1   |
| Noncollision (Loss of Control)     | 202    | 7.6  | -          | 1   | 6    | 90    | 65    | 25    | 15  |
| Other and Unspecified              | 23     | 0.9  | -          | -   | 2    | 9     | 6     | 4     | 2   |
| PUBLIC ACCIDENT                    | 284    | 10.7 | 2          | 10  | 22   | 47    | 74    | 51    | 78  |
| Railway Transportation             | 11     | 0.4  | -          | -   | -    | 1     | 8     | 1     | 1   |
| Other Transportation               | 1      | 0.0  | -          | -   | -    | -     | 1     | -     | -   |
| Water Transportation               | 42     | 1.6  | -          | -   | 1    | 10    | 17    | 10    | 4   |
| Air Transportation                 | 37     | 1.4  | -          | 4   | 2    | 2     | 15    | 14    | -   |
| Falls                              | 58     | 2.2  | -          | 1   | -    | 3     | 9     | 8     | 37  |
| Fires                              | 2      | 0.1  | -          | -   | -    | 1     | -     | -     | 1   |
| Drowning                           | 58     | 2.2  | -          | 4   | 10   | 17    | 12    | 8     | 7   |
| Firearms                           | 7      | 0.3  | -          | -   | 1    | 4     | 1     | 1     | -   |
| Other and Unspecified              | 68     | 2.6  | 2          | 1   | 8    | 9     | 11    | 9     | 28  |
| UNCLASSIFIED                       | 48     | 1.8  | -          | -   | 2    | 1     | 5     | 5     | 35  |

All rates per 100,000 population

TABLE 45. INFANT, NEONATAL AND POST-NEONATAL DEATHS, 1980-1984, BY MATERNAL RISK FACTORS AND INFANT CHARACTERISTICS FOR OREGON RESIDENTS AT BIRTH.1/

| RISK FACTORS          | INFANT DEATH |       | NEONATAL DEATH |       | POST-NEONATAL |      |
|-----------------------|--------------|-------|----------------|-------|---------------|------|
|                       | Number       | Rate  | Number         | Rate  | Number        | Rate |
| AGE OF MOTHER         |              |       |                |       |               |      |
| 17 or less            | 139          | 17.5  | 80             | 10.1  | 59            | 7.4  |
| 18-34 years           | 1,926        | 10.2  | 1,105          | 5.9   | 821           | 4.4  |
| 35+ years             | 96           | 9.6   | 65             | 6.5   | 31            | 3.1  |
| MARITAL STATUS        |              |       |                |       |               |      |
| Married               | 1,590        | 9.1   | 943            | 5.4   | 647           | 3.7  |
| Not Married           | 560          | 17.2  | 303            | 9.3   | 257           | 7.9  |
| PRENATAL CARE BEGAN   |              |       |                |       |               |      |
| 1st & 2nd Trimester   | 2,076        | 10.6  | 1,212          | 6.2   | 864           | 4.4  |
| None or 3rd Trimester | 199          | 20.1  | 106            | 10.7  | 93            | 9.4  |
| EDUCATION OF MOTHER   |              |       |                |       |               |      |
| 0-11 years            | 617          | 15.6  | 311            | 7.9   | 306           | 7.7  |
| 12 years              | 770          | 9.6   | 437            | 5.4   | 333           | 4.2  |
| 13+ years             | 669          | 8.1   | 438            | 5.3   | 231           | 2.8  |
| PLURALITY OF BIRTH    |              |       |                |       |               |      |
| Single                | 1,963        | 9.7   | 1,065          | 5.3   | 898           | 4.4  |
| Multiple              | 231          | 54.5  | 192            | 45.3  | 39            | 9.2  |
| LIVE BIRTH ORDER      |              |       |                |       |               |      |
| 1-3 births            | 1,929        | 10.3  | 1,120          | 6.0   | 809           | 4.3  |
| 4+ births             | 229          | 12.5  | 128            | 7.0   | 101           | 5.5  |
| BIRTHWEIGHT           |              |       |                |       |               |      |
| <1499 grams           | 793          | 454.4 | 722            | 413.8 | 71            | 40.7 |
| 1500-2499 grams       | 331          | 38.7  | 188            | 22.0  | 143           | 16.7 |
| 2500-4499 grams       | 1,007        | 5.3   | 323            | 1.7   | 684           | 3.6  |
| 4500+ grams           | 44           | 8.1   | 16             | 2.9   | 28            | 5.1  |
| CONGENITAL ANOMALIES  |              |       |                |       |               |      |
| Yes                   | 377          | 162.0 | 298            | 128.1 | 79            | 33.9 |
| No                    | 1,763        | 8.6   | 940            | 4.6   | 823           | 4.0  |
| APGAR (5 Minutes)     |              |       |                |       |               |      |
| 0-7                   | 1,021        | 110.2 | 881            | 95.1  | 140           | 15.1 |
| 8-10                  | 1,001        | 5.1   | 262            | 1.3   | 739           | 3.8  |
| SEX                   |              |       |                |       |               |      |
| Male                  | 1,223        | 11.7  | 686            | 6.6   | 537           | 5.1  |
| Female                | 972          | 9.5   | 572            | 5.6   | 400           | 3.9  |
| RACE OF CHILD         |              |       |                |       |               |      |
| White                 | 2,009        | 10.5  | 1,153          | 6.0   | 856           | 4.5  |
| Non-White             | 186          | 12.6  | 105            | 7.1   | 81            | 5.5  |

Rate per 1,000 Live Births

1/ Total number of infant deaths was 2,195 for 5 year period. Groupings may not add to totals due to exclusion of deaths with information not stated for a given category.

TABLE 46. RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH, OREGON, 1984

| CAUSE OF DEATH                                     | ALL<br>INFANT<br>DEATHS | UNDER 28 DAYS (NETONATAL PERIOD) |                |             |              | 28 DAYS<br>& OVER |
|----------------------------------------------------|-------------------------|----------------------------------|----------------|-------------|--------------|-------------------|
|                                                    |                         | TOTAL                            | Under<br>1 Day | 1-6<br>Days | 7-27<br>Days |                   |
| TOTAL                                              | 388                     | 190                              | 111            | 39          | 40           | 198               |
| RATE                                               | 9.8                     | 4.8                              | 2.8            | 1.0         | 1.0          | 5.0               |
| CERTAIN CAUSES OF<br>MORTALITY IN EARLY<br>INFANCY | 132                     | 117                              | 82             | 19          | 16           | 15                |
| Other Complications of<br>Pregnancy & Delivery     | 13                      | 13                               | 13             | -           | -            | -                 |
| Conditions of Placenta<br>and Cord                 | 10                      | 10                               | 9              | 1           | -            | -                 |
| Immaturity, Unqualified                            | 21                      | 21                               | 21             | -           | -            | -                 |
| Birth Trauma without<br>Mention of Cause           | 3                       | 3                                | -              | 1           | 2            | -                 |
| Anoxic & Hypoxic<br>Conditions                     | 11                      | 10                               | 6              | 3           | 1            | 1                 |
| Respiratory Distress<br>Syndrome                   | 28                      | 22                               | 9              | 5           | 8            | 6                 |
| Other Respiratory<br>Conditions                    | 20                      | 15                               | 9              | 5           | 1            | 5                 |
| All Other                                          | 26                      | 23                               | 15             | 4           | 4            | 3                 |
| OTHER DISEASES                                     | 245                     | 72                               | 28             | 20          | 24           | 173               |
| Congenital Anomalies                               | 96                      | 61                               | 28             | 18          | 15           | 35                |
| Diseases of Nervous<br>System                      | 8                       | 1                                | -              | -           | 1            | 7                 |
| Pneumonia, Influenza                               | 2                       | 1                                | -              | -           | 1            | 1                 |
| Respiratory Distress                               | 1                       | -                                | -              | -           | -            | 1                 |
| Sudden Infant Death<br>Syndrome                    | 109                     | 3                                | -              | -           | 3            | 106               |
| All Other Diseases                                 | 29                      | 6                                | -              | 2           | 4            | 23                |
| VIOLENT & ACCIDENTAL<br>CAUSES                     | 11                      | 1                                | 1              | -           | -            | 10                |
| Motor Vehicle                                      | 2                       | -                                | -              | -           | -            | 2                 |
| Other Accidental Causes                            | 4                       | 1                                | 1              | -           | -            | 3                 |
| Homicide                                           | 3                       | -                                | -              | -           | -            | 3                 |
| Other External Causes                              | 2                       | -                                | -              | -           | -            | 2                 |

Rate per 1,000 Live Births

TABLE 47. INFANT DEATHS BY COUNTY OF RESIDENCE AND AGE AT TIME OF DEATH, OREGON, 1984.1/

| COUNTY OF RESIDENCE | ALL INFANT DEATHS |        | UNDER 28 DAYS (NEONATAL PERIOD) |        |             |          |           | 28 DAYS & OVER |      |
|---------------------|-------------------|--------|---------------------------------|--------|-------------|----------|-----------|----------------|------|
|                     |                   |        | TOTAL                           |        | Under 1 Day | 1-6 Days | 7-27 Days |                |      |
| Number              | Rate              | Number | Rate                            | Number |             |          |           | Rate           |      |
| STATE               | 388               | 9.8    | 190                             | 4.8    | 111         | 39       | 40        | 198            | 5.0  |
| Baker               | 2                 | 9.0    | 1                               | 4.5    | -           | 1        | -         | 1              | 4.5  |
| Benton              | 5                 | 5.7    | 1                               | 1.1    | 1           | -        | -         | 4              | 4.6  |
| Clackamas           | 37                | 11.6   | 16                              | 5.0    | 7           | 3        | 6         | 21             | 6.6  |
| Clatsop             | 3                 | 6.8    | -                               | -      | -           | -        | -         | 3              | 6.8  |
| Columbia            | 4                 | 7.9    | 2                               | 4.0    | 2           | -        | -         | 2              | 4.0  |
| Coos                | 4                 | 4.4    | 1                               | 1.1    | -           | 1        | -         | 3              | 3.3  |
| Crook               | 4                 | 19.2   | 1                               | 4.8    | -           | 1        | -         | 3              | 14.4 |
| Curry               | 3                 | 16.6   | 2                               | 11.0   | 2           | -        | -         | 1              | 5.5  |
| Deschutes           | 13                | 12.9   | 7                               | 7.0    | 5           | -        | 2         | 6              | 6.0  |
| Douglas             | 14                | 10.1   | 8                               | 5.8    | 6           | 1        | 1         | 6              | 4.3  |
| Gilliam             | -                 | -      | -                               | -      | -           | -        | -         | -              | -    |
| Grant               | -                 | -      | -                               | -      | -           | -        | -         | -              | -    |
| Harney              | 1                 | 10.1   | -                               | -      | -           | -        | -         | 1              | 10.1 |
| Hood River          | 1                 | 4.0    | -                               | -      | -           | -        | -         | 1              | 4.0  |
| Jackson             | 14                | 7.2    | 6                               | 3.1    | 6           | -        | -         | 8              | 4.1  |
| Jefferson           | 2                 | 8.3    | 1                               | 4.1    | 1           | -        | -         | 1              | 4.1  |
| Josephine           | 8                 | 10.0   | 3                               | 3.7    | 2           | -        | 1         | 5              | 6.2  |
| Klamath             | 6                 | 6.6    | 3                               | 3.3    | 1           | 2        | -         | 3              | 3.3  |
| Lake                | 2                 | 16.3   | 1                               | 8.1    | 1           | -        | -         | 1              | 8.1  |
| Lane                | 29                | 7.5    | 16                              | 4.1    | 7           | 7        | 2         | 13             | 3.3  |
| Lincoln             | 5                 | 10.2   | 2                               | 4.1    | -           | 1        | 1         | 3              | 6.1  |
| Linn                | 16                | 11.6   | 6                               | 4.3    | 2           | 2        | 2         | 10             | 7.2  |
| Malheur             | 12                | 24.3   | 3                               | 6.1    | 2           | -        | 1         | 9              | 18.3 |
| Marion              | 39                | 11.9   | 23                              | 7.0    | 21          | -        | 2         | 16             | 4.9  |
| Morrow              | -                 | -      | -                               | -      | -           | -        | -         | -              | -    |
| Multnomah           | 99                | 11.7   | 55                              | 6.5    | 30          | 12       | 13        | 44             | 5.2  |
| Polk                | 6                 | 9.3    | 2                               | 3.1    | 1           | -        | 1         | 4              | 6.2  |
| Sherman             | 1                 | 37.0   | 1                               | 37.0   | 1           | -        | -         | -              | -    |
| Tillamook           | 1                 | 3.8    | 1                               | 3.8    | -           | -        | 1         | -              | -    |
| Umatilla            | 10                | 9.3    | 6                               | 5.6    | 4           | 1        | 1         | 4              | 3.7  |
| Union               | 2                 | 5.2    | 1                               | 2.6    | -           | 1        | -         | 1              | 2.6  |
| Wallowa             | -                 | -      | -                               | -      | -           | -        | -         | -              | -    |
| Wasco               | 5                 | 14.3   | 4                               | 11.4   | 3           | 1        | -         | 1              | 2.9  |
| Washington          | 32                | 7.7    | 13                              | 3.1    | 4           | 3        | 6         | 19             | 4.5  |
| Wheeler             | 1                 | 66.7   | 1                               | 66.7   | -           | 1        | -         | -              | -    |
| Yamhill             | 7                 | 7.3    | 3                               | 3.1    | 2           | 1        | -         | 4              | 4.2  |

All Rates per 1,000 Live Births.

1/ Rounding of neonatal and post-neonatal rates may cause them not to add to total infant rate.

TABLE 48. DEATHS BY COUNTY OF RESIDENCE BY SEX AND RACE, OREGON, 1984

| COUNTY OF RESIDENCE | TOTAL                | SEX    |        | RACE   |          |       |        |         |          |                                |                 |
|---------------------|----------------------|--------|--------|--------|----------|-------|--------|---------|----------|--------------------------------|-----------------|
|                     |                      | Male   | Female | White* |          | Black | Indian | Chinese | Japanese | Other Asian & Pacific Islander | Other Non-White |
|                     |                      |        |        | Total  | Hispanic |       |        |         |          |                                |                 |
|                     |                      |        |        | White  |          |       |        |         |          |                                |                 |
| Total               | 23,101 <sup>1/</sup> | 12,311 | 10,790 | 22,568 | 107      | 287   | 112    | 40      | 28       | 37                             | 22              |
| Baker               | 163                  | 93     | 70     | 163    | -        | -     | -      | -       | -        | -                              | -               |
| Benton              | 354                  | 182    | 172    | 352    | -        | -     | -      | -       | -        | 1                              | 1               |
| Clackamas           | 1,861                | 959    | 902    | 1,846  | 5        | 5     | -      | 1       | 4        | -                              | 5               |
| Clatsop             | 327                  | 178    | 149    | 319    | -        | 1     | 4      | 2       | -        | -                              | 1               |
| Columbia            | 319                  | 186    | 133    | 318    | 1        | -     | 1      | -       | -        | -                              | -               |
| Coos                | 622                  | 351    | 271    | 613    | 1        | 1     | 7      | -       | 1        | -                              | -               |
| Crook               | 135                  | 75     | 60     | 134    | -        | -     | -      | 1       | -        | -                              | -               |
| Curry               | 180 <sup>2/</sup>    | 101    | 79     | 179    | -        | -     | -      | -       | -        | -                              | -               |
| Deschutes           | 489                  | 291    | 198    | 488    | -        | 1     | -      | -       | -        | -                              | -               |
| Douglas             | 855                  | 494    | 361    | 853    | 2        | -     | 1      | -       | -        | -                              | 1               |
| Gilliam             | 18                   | 10     | 8      | 18     | -        | -     | -      | -       | -        | -                              | -               |
| Grant               | 85                   | 52     | 33     | 85     | -        | -     | -      | -       | -        | -                              | -               |
| Harney              | 55                   | 33     | 22     | 55     | 1        | -     | -      | -       | -        | -                              | -               |
| Hood River          | 143                  | 80     | 63     | 139    | 1        | 1     | 1      | -       | 2        | -                              | -               |
| Jackson             | 1,172                | 672    | 500    | 1,164  | 6        | 2     | 4      | 1       | -        | 1                              | -               |
| Jefferson           | 87                   | 50     | 37     | 71     | 2        | -     | 16     | -       | -        | -                              | -               |
| Josephine           | 664                  | 384    | 280    | 662    | -        | -     | 2      | -       | -        | -                              | -               |
| Klamath             | 483                  | 242    | 241    | 465    | 2        | 3     | 14     | 1       | -        | -                              | -               |
| Lake                | 64                   | 29     | 35     | 64     | -        | -     | -      | -       | -        | -                              | -               |
| Lane                | 2,069                | 1,097  | 972    | 2,055  | 3        | 6     | 3      | 1       | 1        | 2                              | 1               |
| Lincoln             | 428                  | 232    | 196    | 423    | -        | 1     | 4      | -       | -        | -                              | -               |
| Linn                | 761                  | 419    | 342    | 757    | 2        | 2     | 1      | 1       | -        | -                              | -               |
| Malheur             | 236                  | 139    | 97     | 231    | 17       | 1     | -      | 1       | 2        | -                              | 1               |
| Marion              | 1,870 <sup>3/</sup>  | 973    | 897    | 1,855  | 20       | 6     | 5      | -       | 1        | -                              | 1               |
| Morrow              | 63                   | 36     | 27     | 63     | 1        | -     | -      | -       | -        | -                              | -               |
| Multnomah           | 5,737 <sup>4/</sup>  | 2,900  | 2,837  | 5,391  | 13       | 249   | 25     | 27      | 15       | 22                             | 5               |
| Polk                | 441                  | 236    | 205    | 441    | 7        | -     | -      | -       | -        | -                              | -               |
| Sherman             | 19                   | 11     | 8      | 19     | -        | -     | -      | -       | -        | -                              | -               |
| Tillamook           | 239                  | 132    | 107    | 239    | 1        | -     | -      | -       | -        | -                              | -               |
| Umatilla            | 510                  | 291    | 219    | 491    | 3        | 1     | 17     | -       | -        | -                              | 1               |
| Union               | 210                  | 119    | 91     | 209    | -        | 1     | -      | -       | -        | -                              | -               |
| Wallowa             | 66                   | 39     | 27     | 66     | -        | -     | -      | -       | -        | -                              | -               |
| Wasco               | 256                  | 128    | 128    | 254    | 3        | -     | 2      | -       | -        | -                              | -               |
| Washington          | 1,601 <sup>2/</sup>  | 824    | 777    | 1,570  | 13       | 6     | 3      | 4       | 2        | 10                             | 5               |
| Wheeler             | 14                   | 7      | 7      | 14     | -        | -     | -      | -       | -        | -                              | -               |
| Yamhill             | 505                  | 266    | 239    | 502    | 3        | -     | 2      | -       | -        | 1                              | -               |

\* The number of Hispanic deaths is not complete since certificates request racial rather than ethnic origins. All Hispanic entries are recorded as white in national vital statistics. Total White includes Hispanic. Other non-white includes groups where statewide total is less than 20 (Hawaiian, Filipino, other).

<sup>1/</sup> Includes 7 with race not stated.

<sup>2/</sup> Includes one with race not stated.

<sup>3/</sup> Includes two with race not stated.

<sup>4/</sup> Includes three with race not stated.



TABLE 49. DEATHS BY COUNTY OF RESIDENCE BY AGE GROUPS AND SEX, OREGON, 1984.

| COUNTY OF RESIDENCE | TOTAL DEATHS | AGE GROUPS AND SEX |        |         |     |     |    |      |    |       |     |
|---------------------|--------------|--------------------|--------|---------|-----|-----|----|------|----|-------|-----|
|                     |              | ALL AGES           |        | UNDER 1 |     | 1-4 |    | 5-14 |    | 15-24 |     |
|                     |              | Male               | Female | M       | F   | M   | F  | M    | F  | M     | F   |
| STATE               | 23,101       | 12,311             | 10,790 | 215     | 173 | 44  | 29 | 76   | 32 | 347   | 112 |
| Baker               | 163          | 93                 | 70     | 1       | 1   | -   | -  | -    | -  | 1     | -   |
| Benton              | 354          | 182                | 172    | 1       | 4   | -   | 1  | -    | 1  | 2     | 2   |
| Clackamas           | 1861         | 959                | 902    | 20      | 17  | 1   | 6  | 3    | 3  | 27    | 12  |
| Clatsop             | 327          | 178                | 149    | 2       | 1   | 1   | -  | 1    | -  | 6     | 1   |
| Columbia            | 319          | 186                | 133    | 4       | -   | -   | -  | -    | -  | 6     | -   |
| Coos                | 622          | 351                | 271    | 3       | 1   | 2   | 1  | 2    | 1  | 9     | 3   |
| Crook               | 135          | 75                 | 60     | 2       | 2   | 1   | -  | -    | -  | 1     | -   |
| Curry               | 180          | 101                | 79     | 2       | 1   | 1   | -  | 1    | -  | 5     | -   |
| Deschutes           | 489          | 291                | 198    | 6       | 7   | -   | 1  | 4    | -  | 9     | 3   |
| Douglas             | 855          | 494                | 361    | 8       | 6   | -   | 2  | 5    | 1  | 10    | 4   |
| Gilliam             | 18           | 10                 | 8      | -       | -   | -   | -  | -    | -  | -     | -   |
| Grant               | 85           | 52                 | 33     | -       | -   | -   | -  | 1    | -  | 1     | -   |
| Harney              | 55           | 33                 | 22     | -       | 1   | -   | -  | -    | -  | 3     | -   |
| Hood River          | 143          | 80                 | 63     | 1       | -   | 1   | -  | -    | -  | 3     | 1   |
| Jackson             | 1,173        | 673                | 500    | 10      | 4   | 2   | 1  | 2    | 1  | 21    | 7   |
| Jefferson           | 87           | 50                 | 37     | -       | 2   | -   | -  | -    | -  | 4     | 1   |
| Josephine           | 663          | 383                | 280    | 5       | 3   | -   | -  | 2    | 1  | 5     | 2   |
| Klamath             | 483          | 242                | 241    | 1       | 5   | 2   | 4  | 1    | 3  | 6     | 1   |
| Lake                | 64           | 29                 | 35     | -       | 2   | -   | -  | 1    | -  | 2     | -   |
| Lane                | 2,069        | 1,097              | 972    | 22      | 7   | 8   | 2  | 10   | 6  | 26    | 8   |
| Lincoln             | 428          | 232                | 196    | 4       | 1   | 3   | 1  | -    | -  | 5     | 2   |
| Linn                | 761          | 419                | 342    | 10      | 6   | 2   | -  | 3    | -  | 14    | 2   |
| Malheur             | 236          | 139                | 97     | 9       | 3   | 1   | -  | 2    | -  | 3     | 2   |
| Marion              | 1,870        | 973                | 897    | 20      | 19  | 4   | 3  | 9    | 3  | 35    | 6   |
| Morrow              | 63           | 36                 | 27     | -       | -   | -   | -  | -    | -  | 2     | 2   |
| Multnomah           | 5,737        | 2,900              | 2,837  | 48      | 51  | 12  | 5  | 18   | 7  | 67    | 23  |
| Polk                | 441          | 236                | 205    | 4       | 2   | 1   | 1  | 3    | -  | 6     | 4   |
| Sherman             | 19           | 11                 | 8      | 1       | -   | -   | -  | -    | -  | 1     | 2   |
| Tillamook           | 239          | 132                | 107    | -       | 1   | -   | -  | -    | -  | 4     | 2   |
| Umatilla            | 510          | 291                | 219    | 7       | 3   | 1   | -  | 1    | -  | 11    | 4   |
| Union               | 210          | 119                | 91     | 1       | 1   | -   | -  | -    | -  | 2     | 2   |
| Wallowa             | 66           | 39                 | 27     | -       | -   | -   | -  | -    | 1  | 3     | 1   |
| Wasco               | 256          | 128                | 128    | 2       | 3   | -   | -  | 1    | -  | 5     | 1   |
| Washington          | 1,601        | 824                | 777    | 19      | 13  | 1   | -  | 4    | 4  | 37    | 10  |
| Wheeler             | 14           | 7                  | 7      | -       | 1   | -   | -  | -    | -  | -     | -   |
| Yamhill             | 505          | 266                | 239    | 2       | 5   | -   | 1  | 2    | -  | 5     | 4   |

TABLE 49. DEATHS Continued

| AGE GROUPS AND SEX |     |       |     |       |     |       |       |       |       |       |       |
|--------------------|-----|-------|-----|-------|-----|-------|-------|-------|-------|-------|-------|
| 25-34              |     | 35-44 |     | 45-54 |     | 55-64 |       | 65-74 |       | 75+   |       |
| M                  | F   | M     | F   | M     | F   | M     | F     | M     | F     | M     | F     |
| 394                | 148 | 384   | 226 | 703   | 400 | 1,790 | 1,164 | 3,278 | 2,187 | 5,080 | 6,319 |
| 1                  | -   | 1     | -   | 5     | 2   | 15    | 8     | 16    | 17    | 53    | 42    |
| 5                  | -   | 3     | 2   | 9     | 11  | 29    | 17    | 47    | 29    | 86    | 105   |
| 34                 | 15  | 37    | 26  | 78    | 35  | 139   | 85    | 267   | 173   | 353   | 530   |
| 3                  | 1   | 3     | -   | 8     | 1   | 17    | 14    | 62    | 35    | 75    | 96    |
| 3                  | -   | 4     | 3   | 9     | 7   | 35    | 21    | 55    | 35    | 70    | 67    |
| 7                  | 2   | 14    | 7   | 17    | 12  | 51    | 31    | 104   | 55    | 142   | 158   |
| 1                  | 1   | 3     | 2   | 4     | 7   | 13    | 9     | 15    | 11    | 35    | 28    |
| 5                  | -   | 3     | -   | 7     | 3   | 16    | 15    | 32    | 19    | 29    | 41    |
| 7                  | 5   | 13    | 7   | 10    | 13  | 44    | 18    | 89    | 41    | 109   | 103   |
| 13                 | 11  | 16    | 7   | 29    | 16  | 82    | 44    | 144   | 73    | 187   | 197   |
| 1                  | -   | -     | 1   | 2     | -   | -     | -     | 3     | 1     | 4     | 6     |
| 2                  | -   | 1     | -   | -     | -   | 6     | 4     | 15    | 6     | 26    | 23    |
| -                  | -   | -     | -   | 1     | -   | 2     | 3     | 10    | 7     | 17    | 11    |
| 6                  | 1   | 1     | 1   | 5     | 4   | 10    | 8     | 22    | 12    | 31    | 36    |
| 23                 | 9   | 27    | 10  | 32    | 19  | 85    | 56    | 192   | 99    | 279   | 294   |
| 4                  | 1   | -     | 2   | 2     | -   | 6     | 1     | 23    | 9     | 11    | 21    |
| 12                 | 1   | 11    | 6   | 19    | 7   | 56    | 34    | 102   | 61    | 171   | 165   |
| 10                 | 5   | 8     | 5   | 20    | 13  | 50    | 25    | 61    | 60    | 83    | 120   |
| 1                  | -   | -     | -   | 1     | 4   | 5     | 6     | 4     | 6     | 15    | 17    |
| 40                 | 12  | 34    | 18  | 51    | 40  | 175   | 115   | 282   | 201   | 449   | 563   |
| 7                  | 2   | 7     | 2   | 5     | 6   | 44    | 32    | 73    | 46    | 84    | 104   |
| 18                 | 4   | 11    | 8   | 22    | 12  | 43    | 45    | 112   | 69    | 184   | 196   |
| 2                  | 2   | 5     | 4   | 7     | 3   | 20    | 9     | 30    | 16    | 60    | 58    |
| 28                 | 8   | 30    | 26  | 54    | 28  | 123   | 72    | 247   | 173   | 423   | 559   |
| 3                  | -   | 4     | 1   | 2     | 1   | 4     | 2     | 5     | 5     | 16    | 16    |
| 105                | 41  | 87    | 53  | 188   | 84  | 437   | 292   | 738   | 542   | 1,200 | 1,739 |
| 9                  | 3   | 2     | 5   | 10    | 9   | 36    | 20    | 58    | 48    | 107   | 113   |
| 1                  | -   | -     | -   | -     | -   | 5     | -     | 1     | 2     | 2     | 4     |
| 2                  | -   | 4     | -   | 5     | 2   | 21    | 9     | 52    | 31    | 44    | 62    |
| 8                  | 4   | 8     | 3   | 22    | 8   | 40    | 32    | 81    | 47    | 112   | 118   |
| 1                  | 3   | 5     | -   | 6     | 2   | 21    | 8     | 33    | 24    | 50    | 51    |
| 2                  | -   | 2     | -   | 2     | -   | 2     | 4     | 10    | 6     | 18    | 15    |
| 4                  | 1   | -     | 1   | 7     | 6   | 18    | 12    | 28    | 31    | 63    | 73    |
| 19                 | 12  | 34    | 22  | 58    | 40  | 103   | 79    | 189   | 151   | 360   | 446   |
| -                  | -   | 1     | -   | -     | -   | 1     | -     | 3     | 2     | 2     | 4     |
| 7                  | 4   | 5     | 4   | 6     | 5   | 36    | 34    | 73    | 44    | 130   | 138   |

TABLE 50. LEADING CAUSES OF DEATH BY COUNTY OF RESIDENCE OF DECEASED, OREGON 1984

| COUNTY OF RESIDENCE | TOTAL DEATHS | DISEASE OF THE HEART | MALIGNANT NEOPLASMS | CEREBROVASCULAR DISEASE | ACCIDENTS | BRONCHITIS, EM-PHYSEMA, ASTHMA & CHRONIC OB-STRUCTIVE PUL-MONARY DISEASE | INFLUENZA & PNEUMONIA | ARTERIOSCLEROSIS |
|---------------------|--------------|----------------------|---------------------|-------------------------|-----------|--------------------------------------------------------------------------|-----------------------|------------------|
| STATE               | 23,101       | 8,010                | 5,387               | 1,919                   | 1,185     | 957                                                                      | 725                   | 431              |
| Rate                | 868.5        | 301.1                | 202.5               | 72.1                    | 44.6      | 36.0                                                                     | 27.3                  | 16.2             |
| Baker               | 163          | 68                   | 42                  | 10                      | 3         | 8                                                                        | 6                     | 3                |
| Benton              | 354          | 112                  | 82                  | 34                      | 9         | 20                                                                       | 12                    | 7                |
| Clackamas           | 1,861        | 632                  | 466                 | 162                     | 95        | 62                                                                       | 69                    | 36               |
| Clatsop             | 327          | 115                  | 74                  | 31                      | 22        | 15                                                                       | 10                    | 8                |
| Columbia            | 319          | 124                  | 72                  | 13                      | 20        | 15                                                                       | 15                    | 4                |
| Coos                | 622          | 201                  | 146                 | 49                      | 40        | 25                                                                       | 18                    | 6                |
| Crook               | 135          | 38                   | 27                  | 7                       | 7         | 6                                                                        | 9                     | 11               |
| Curry               | 180          | 69                   | 39                  | 10                      | 16        | 6                                                                        | 3                     | 1                |
| Deschutes           | 489          | 148                  | 110                 | 46                      | 33        | 25                                                                       | 13                    | 12               |
| Douglas             | 855          | 305                  | 189                 | 72                      | 49        | 54                                                                       | 28                    | 6                |
| Gilliam             | 18           | 8                    | 3                   | 2                       | 1         | 1                                                                        | -                     | 1                |
| Grant               | 85           | 47                   | 15                  | 3                       | 5         | 4                                                                        | 1                     | -                |
| Harney              | 55           | 15                   | 13                  | 7                       | 4         | 1                                                                        | 1                     | -                |
| Hood River          | 143          | 44                   | 26                  | 10                      | 13        | 11                                                                       | 5                     | 9                |
| Jackson             | 1,172        | 400                  | 276                 | 107                     | 78        | 44                                                                       | 27                    | 13               |
| Jefferson           | 87           | 25                   | 12                  | 21                      | 8         | 2                                                                        | 2                     | 1                |
| Josephine           | 664          | 230                  | 164                 | 63                      | 31        | 36                                                                       | 15                    | 19               |
| Klamath             | 483          | 163                  | 119                 | 37                      | 31        | 16                                                                       | 16                    | 7                |
| Lake                | 64           | 25                   | 12                  | 1                       | 8         | 4                                                                        | 1                     | -                |
| Lane                | 2,069        | 692                  | 493                 | 181                     | 98        | 83                                                                       | 72                    | 52               |
| Lincoln             | 428          | 130                  | 126                 | 46                      | 24        | 16                                                                       | 8                     | 10               |
| Linn                | 761          | 299                  | 169                 | 49                      | 36        | 32                                                                       | 27                    | 14               |
| Malheur             | 236          | 76                   | 57                  | 15                      | 15        | 9                                                                        | 4                     | 1                |
| Marion              | 1,870        | 657                  | 435                 | 180                     | 94        | 66                                                                       | 59                    | 32               |
| Morrow              | 63           | 15                   | 14                  | 8                       | 4         | 3                                                                        | 2                     | -                |
| Multnomah           | 5,737        | 2,055                | 1,237               | 445                     | 231       | 247                                                                      | 180                   | 111              |
| Polk                | 441          | 165                  | 101                 | 40                      | 22        | 21                                                                       | 11                    | 10               |
| Sherman             | 19           | 4                    | 2                   | 3                       | 4         | 2                                                                        | -                     | -                |
| Tillamook           | 239          | 83                   | 63                  | 19                      | 14        | 5                                                                        | 5                     | 3                |
| Umatilla            | 510          | 168                  | 126                 | 34                      | 27        | 19                                                                       | 22                    | 8                |
| Union               | 210          | 63                   | 52                  | 13                      | 15        | 12                                                                       | 9                     | 3                |
| Wallowa             | 66           | 28                   | 11                  | 2                       | 6         | 2                                                                        | 3                     | -                |
| Wasco               | 256          | 95                   | 58                  | 19                      | 10        | 13                                                                       | 11                    | 5                |
| Washington          | 1,601        | 538                  | 415                 | 124                     | 90        | 55                                                                       | 53                    | 31               |
| Wheeler             | 14           | 6                    | 2                   | 3                       | 1         | 1                                                                        | -                     | -                |
| Yamhill             | 505          | 167                  | 139                 | 53                      | 21        | 16                                                                       | 8                     | 7                |

All rates per 100,000 population

TABLE 50. LEADING CAUSES OF DEATH BY COUNTY OF RESIDENCE OF DECEASED, OREGON 1984, continued

| SUICIDE | ALCOHOLISM,<br>ALCOHOLIC CIRRHOSIS &<br>ALCOHOLIC PSYCHOSIS | DIABETES MELLITUS | OTHER DISEASES<br>OF ARTERIES | NEPHRITIS &<br>NEPHROSIS | CONGENITAL<br>ANOMALIES | CERTAIN CAUSES IN<br>EARLY INFANCY | HOMICIDE | SUDDEN INFANT<br>DEATH SYNDROME | HYPERTENSION<br>with or without<br>RENAL DISEASE | PEPTIC ULCER | ALL OTHER CAUSES |
|---------|-------------------------------------------------------------|-------------------|-------------------------------|--------------------------|-------------------------|------------------------------------|----------|---------------------------------|--------------------------------------------------|--------------|------------------|
| 423     | 343                                                         | 343               | 253                           | 174                      | 152                     | 136                                | 135      | 109                             | 71                                               | 66           | 2,282            |
| 15.9    | 12.9                                                        | 12.9              | 9.5                           | 6.5                      | 5.7                     | 5.1                                | 5.1      | 4.1                             | 2.7                                              | 2.5          | 85.8             |
| 4       | 1                                                           | 3                 | 1                             | 3                        | 1                       | -                                  | -        | -                               | 1                                                | -            | 9                |
| 9       | 4                                                           | 11                | 4                             | 2                        | 1                       | 1                                  | 1        | 4                               | 1                                                | -            | 40               |
| 32      | 16                                                          | 29                | 24                            | 16                       | 16                      | 13                                 | 9        | 7                               | 7                                                | 1            | 169              |
| 2       | 4                                                           | 2                 | 2                             | 2                        | 1                       | -                                  | 1        | 2                               | 2                                                | 2            | 32               |
| 3       | 6                                                           | 4                 | -                             | 1                        | 1                       | 2                                  | -        | -                               | 1                                                | 2            | 36               |
| 10      | 6                                                           | 12                | 9                             | 8                        | 3                       | 1                                  | 2        | 1                               | 3                                                | -            | 82               |
| 2       | 3                                                           | 1                 | 1                             | 3                        | 3                       | -                                  | 1        | 1                               | 1                                                | -            | 14               |
| 3       | 1                                                           | 4                 | 2                             | 4                        | 1                       | 2                                  | 3        | 1                               | -                                                | -            | 15               |
| 9       | 9                                                           | 5                 | 7                             | 2                        | 4                       | 4                                  | 6        | 4                               | 2                                                | 2            | 48               |
| 14      | 10                                                          | 16                | 12                            | 3                        | 4                       | 4                                  | 2        | 5                               | 2                                                | 5            | 75               |
| -       | -                                                           | -                 | -                             | 1                        | -                       | -                                  | -        | -                               | -                                                | -            | 1                |
| -       | -                                                           | 1                 | -                             | 1                        | -                       | -                                  | -        | -                               | -                                                | 1            | 7                |
| 3       | 1                                                           | 1                 | 1                             | 2                        | -                       | -                                  | -        | -                               | -                                                | -            | 6                |
| 2       | 2                                                           | 3                 | 2                             | -                        | 1                       | -                                  | 1        | 1                               | -                                                | 2            | 11               |
| 22      | 19                                                          | 10                | 17                            | 12                       | 10                      | 4                                  | 7        | 6                               | 4                                                | 2            | 114              |
| 1       | -                                                           | 3                 | 1                             | 1                        | -                       | 1                                  | 2        | 1                               | -                                                | -            | 6                |
| 10      | 11                                                          | 11                | 4                             | 3                        | 3                       | 3                                  | 6        | 4                               | 3                                                | 1            | 47               |
| 10      | 13                                                          | 9                 | 4                             | 1                        | 1                       | 2                                  | 2        | 3                               | 2                                                | 1            | 46               |
| 1       | 2                                                           | -                 | 1                             | -                        | -                       | 1                                  | -        | 1                               | -                                                | -            | 7                |
| 46      | 20                                                          | 42                | 21                            | 10                       | 18                      | 5                                  | 12       | 8                               | 8                                                | 5            | 203              |
| 5       | 6                                                           | 9                 | 3                             | 1                        | 2                       | -                                  | 1        | 2                               | 2                                                | 1            | 36               |
| 22      | 5                                                           | 11                | 5                             | 6                        | 3                       | 5                                  | 5        | 6                               | 2                                                | -            | 65               |
| 2       | 4                                                           | 6                 | 2                             | 4                        | 5                       | 3                                  | 2        | 3                               | -                                                | 2            | 26               |
| 38      | 24                                                          | 19                | 13                            | 16                       | 12                      | 21                                 | 8        | 10                              | 8                                                | 2            | 176              |
| 2       | 2                                                           | 1                 | 3                             | 1                        | -                       | -                                  | -        | -                               | -                                                | 1            | 7                |
| 103     | 137                                                         | 66                | 71                            | 38                       | 37                      | 41                                 | 42       | 23                              | 12                                               | 27           | 634              |
| 8       | 2                                                           | 10                | 3                             | 4                        | 2                       | 2                                  | 2        | 2                               | 1                                                | 1            | 34               |
| 1       | -                                                           | 1                 | -                             | -                        | -                       | 1                                  | -        | -                               | -                                                | -            | 1                |
| 4       | 1                                                           | 4                 | 2                             | 4                        | -                       | 1                                  | 1        | -                               | 1                                                | 1            | 28               |
| 12      | 10                                                          | 10                | 9                             | 5                        | 3                       | 4                                  | 2        | 4                               | -                                                | 3            | 44               |
| 2       | 1                                                           | 3                 | 1                             | 1                        | 2                       | -                                  | -        | 1                               | 2                                                | -            | 30               |
| 1       | 2                                                           | 2                 | -                             | 1                        | -                       | -                                  | 1        | -                               | -                                                | -            | 7                |
| 4       | 1                                                           | 4                 | 4                             | 1                        | 1                       | 4                                  | 1        | -                               | 1                                                | -            | 24               |
| 28      | 17                                                          | 24                | 17                            | 14                       | 13                      | 7                                  | 12       | 7                               | 2                                                | 4            | 150              |
| -       | -                                                           | -                 | -                             | -                        | 1                       | -                                  | -        | -                               | -                                                | -            | -                |
| 8       | 3                                                           | 6                 | 7                             | 3                        | 3                       | 4                                  | 3        | 2                               | 3                                                | -            | 52               |

TABLE 51. ACCIDENTAL DEATHS BY PRINCIPAL CLASSES AND COUNTY OF ACCIDENT,  
OREGON, 1984.

| COUNTY OF<br>ACCIDENT | TOTAL  |         | MOTOR<br>VEHICLE | HOME | OCCUPA-<br>TIONAL | PUBLIC | UNCLAS-<br>SIFIED |
|-----------------------|--------|---------|------------------|------|-------------------|--------|-------------------|
|                       | Number | Rate 1/ |                  |      |                   |        |                   |
| STATE                 | 1,181  | 44.4    | 603              | 198  | 56                | 281    | 43                |
| Baker                 | 7      | 43.8    | 3                | 1    | -                 | 3      | -                 |
| Benton                | 10     | 14.6    | 8                | 1    | -                 | 1      | -                 |
| Clackamas             | 85     | 34.5    | 59               | 6    | 4                 | 16     | -                 |
| Clatsop               | 23     | 69.9    | 15               | 3    | -                 | 5      | -                 |
| Columbia              | 17     | 47.0    | 10               | 3    | 1                 | 2      | 1                 |
| Coos                  | 36     | 59.0    | 16               | 6    | 5                 | 8      | 1                 |
| Crook                 | 9      | 69.2    | 3                | 2    | -                 | 4      | -                 |
| Curry                 | 19     | 111.1   | 7                | 3    | 1                 | 7      | 1                 |
| Deschutes             | 33     | 51.6    | 21               | 2    | 1                 | 9      | -                 |
| Douglas               | 55     | 60.2    | 26               | 10   | 6                 | 13     | -                 |
| Gilliam               | 3      | 153.9   | 1                | -    | -                 | 1      | 1                 |
| Grant                 | 9      | 111.8   | 4                | -    | -                 | 5      | -                 |
| Harney                | 7      | 96.6    | 3                | 2    | -                 | 2      | -                 |
| Hood River            | 21     | 128.1   | 6                | 3    | 1                 | 11     | -                 |
| Jackson               | 67     | 49.6    | 37               | 17   | 3                 | 9      | 1                 |
| Jefferson             | 6      | 49.2    | 3                | -    | 2                 | 1      | -                 |
| Josephine             | 30     | 49.8    | 19               | 8    | 1                 | 2      | -                 |
| Klamath               | 32     | 55.0    | 22               | 5    | -                 | 5      | -                 |
| Lake                  | 5      | 65.8    | 3                | 1    | -                 | -      | 1                 |
| Lane                  | 88     | 32.8    | 50               | 11   | 10                | 17     | -                 |
| Lincoln               | 29     | 77.8    | 14               | 3    | -                 | 12     | -                 |
| Linn                  | 42     | 46.7    | 26               | 5    | 4                 | 7      | -                 |
| Malheur               | 16     | 57.6    | 8                | 2    | 1                 | 4      | 1                 |
| Marion                | 81     | 38.6    | 41               | 19   | -                 | 21     | -                 |
| Morrow                | 5      | 66.7    | 4                | -    | 1                 | -      | -                 |
| Multnomah             | 195    | 34.7    | 68               | 22   | 3                 | 33     | 1                 |
| Polk                  | 16     | 35.6    | 7                | 3    | 1                 | 5      | -                 |
| Sherman               | 4      | 181.8   | 4                | -    | -                 | -      | -                 |
| Tillamook             | 20     | 90.9    | 12               | 1    | 1                 | 6      | -                 |
| Umatilla              | 29     | 47.9    | 18               | 2    | 3                 | 6      | -                 |
| Union                 | 14     | 56.5    | 5                | 2    | 2                 | 5      | -                 |
| Wallowa               | 6      | 79.5    | 4                | -    | -                 | 2      | -                 |
| Wasco                 | 28     | 124.4   | 14               | 2    | -                 | 12     | -                 |
| Washington            | 60     | 23.1    | 33               | 13   | 4                 | 10     | -                 |
| Wheeler               | 2      | 142.9   | -                | 2    | -                 | -      | -                 |
| Yamhill               | 18     | 31.6    | 9                | 5    | 1                 | 2      | 1                 |
| Not Stated            | 54     | 2.0     | 1                | 4    | -                 | 19     | 30                |

1/ Rate per 100,000 population



TABLE 52. ALL DEATHS AND MEDICAL EXAMINER'S CASES BY COUNTY OF OCCURRENCE AND AUTOPSY, OREGON 1984

| COUNTY OF OCCURRENCE | ALL DEATHS |                 |         | MEDICAL EXAMINER CASES |                 |         |
|----------------------|------------|-----------------|---------|------------------------|-----------------|---------|
|                      | Number     | Cases Autopsied |         | Number                 | Cases Autopsied |         |
|                      |            | Number          | Percent |                        | Number          | Percent |
| TOTAL                | 23,210     | 2,422           | 10.4    | 3,816                  | 973             | 25.5    |
| Baker                | 163        | 8               | 4.9     | 35                     | 7               | 20.0    |
| Benton               | 405        | 56              | 13.8    | 56                     | 27              | 48.2    |
| Clackamas            | 1,854      | 146             | 7.9     | 257                    | 70              | 27.2    |
| Clatsop              | 275        | 15              | 5.5     | 54                     | 10              | 18.5    |
| Columbia             | 161        | 10              | 6.2     | 25                     | 6               | 24.0    |
| Coos                 | 585        | 53              | 9.1     | 108                    | 37              | 34.3    |
| Crook                | 108        | 7               | 6.5     | 35                     | 5               | 14.3    |
| Curry                | 117        | 12              | 10.3    | 41                     | 10              | 24.4    |
| Deschutes            | 533        | 51              | 9.6     | 112                    | 32              | 28.6    |
| Douglas              | 896        | 118             | 13.2    | 200                    | 71              | 35.5    |
| Gilliam              | 11         | -               | -       | 7                      | -               | -       |
| Grant                | 80         | 2               | 2.5     | 22                     | 1               | 4.5     |
| Harney               | 52         | 3               | 5.8     | 8                      | 2               | 25.0    |
| Hood River           | 139        | 6               | 4.3     | 35                     | 5               | 14.3    |
| Jackson              | 1,196      | 75              | 6.3     | 242                    | 38              | 15.7    |
| Jefferson            | 73         | 6               | 8.2     | 14                     | 5               | 35.7    |
| Josephine            | 662        | 49              | 7.4     | 96                     | 31              | 32.3    |
| Klamath              | 510        | 44              | 8.6     | 102                    | 33              | 32.4    |
| Lake                 | 59         | 9               | 15.3    | 10                     | 6               | 60.0    |
| Lane                 | 2,079      | 194             | 9.3     | 252                    | 76              | 30.2    |
| Lincoln              | 355        | 30              | 8.5     | 75                     | 16              | 21.3    |
| Linn                 | 642        | 48              | 7.5     | 131                    | 30              | 22.9    |
| Malheur              | 283        | 28              | 9.9     | 61                     | 12              | 19.7    |
| Marion               | 1,890      | 154             | 8.1     | 224                    | 61              | 27.2    |
| Morrow               | 36         | 1               | 2.8     | 11                     | -               | -       |
| Multnomah            | 6,555      | 986             | 15.0    | 1,093                  | 266             | 24.3    |
| Polk                 | 263        | 9               | 3.4     | 32                     | 5               | 15.6    |
| Sherman              | 10         | 1               | 10.0    | 5                      | 1               | 20.0    |
| Tillamook            | 214        | 11              | 5.1     | 38                     | 9               | 23.7    |
| Umatilla             | 407        | 27              | 6.6     | 77                     | 13              | 16.9    |
| Union                | 198        | 7               | 3.5     | 32                     | 4               | 12.5    |
| Wallowa              | 50         | 4               | 8.0     | 12                     | 2               | 16.7    |
| Wasco                | 271        | 16              | 5.9     | 40                     | 11              | 27.5    |
| Washington           | 1,640      | 198             | 12.1    | 209                    | 55              | 26.3    |
| Wheeler              | 7          | -               | -       | 6                      | -               | -       |
| Yamhill              | 431        | 38              | 8.8     | 59                     | 16              | 27.1    |

TABLE 53. DEATHS OCCURRING IN OREGON BY COUNTY OF RESIDENCE AND DISPOSAL OF REMAINS, 1984

| COUNTY OF RESIDENCE | TOTAL  | BURIAL | CREMATION | MAUSOLEUM | REMOVAL | OTHER |
|---------------------|--------|--------|-----------|-----------|---------|-------|
| Total               | 23,210 | 12,938 | 6,815     | 1,609     | 1,768   | 80    |
| %                   | 100.0  | 55.7   | 29.4      | 6.9       | 7.6     | 0.3   |
| Baker               | 152    | 122    | 6         | 1         | 23      | -     |
| Benton              | 346    | 199    | 103       | 21        | 21      | 2     |
| Clackamas           | 1,814  | 1,015  | 495       | 199       | 96      | 9     |
| Clatsop             | 309    | 176    | 113       | 8         | 11      | 1     |
| Columbia            | 250    | 169    | 58        | 10        | 12      | 1     |
| Coos                | 610    | 360    | 210       | 16        | 20      | 4     |
| Crook               | 133    | 94     | 35        | 3         | 1       | -     |
| Curry               | 145    | 60     | 71        | 1         | 13      | -     |
| Deschutes           | 474    | 247    | 176       | 23        | 28      | -     |
| Douglas             | 838    | 512    | 279       | 16        | 31      | -     |
| Gilliam             | 18     | 17     | -         | -         | 1       | -     |
| Grant               | 79     | 62     | 15        | -         | 2       | -     |
| Harney              | 54     | 43     | 8         | -         | 3       | -     |
| Hood River          | 136    | 94     | 30        | 3         | 9       | -     |
| Jackson             | 1,146  | 556    | 464       | 47        | 78      | 1     |
| Jefferson           | 82     | 61     | 19        | -         | 2       | -     |
| Josephine           | 648    | 313    | 258       | 19        | 56      | 2     |
| Klamath             | 469    | 255    | 180       | 5         | 29      | -     |
| Lake                | 64     | 51     | 12        | -         | 1       | -     |
| Lane                | 2,016  | 1,134  | 714       | 84        | 82      | 2     |
| Lincoln             | 413    | 188    | 180       | 21        | 22      | 2     |
| Linn                | 743    | 517    | 163       | 28        | 32      | 3     |
| Malheur             | 191    | 129    | 6         | -         | 56      | -     |
| Marion              | 1,841  | 1,116  | 498       | 113       | 106     | 8     |
| Morrow              | 53     | 42     | 2         | -         | 9       | -     |
| Multnomah           | 5,589  | 2,959  | 1,610     | 736       | 254     | 30    |
| Polk                | 431    | 282    | 119       | 16        | 14      | -     |
| Sherman             | 17     | 11     | 6         | -         | -       | -     |
| Tillamook           | 233    | 124    | 76        | 18        | 15      | -     |
| Umatilla            | 392    | 275    | 11        | 12        | 93      | 1     |
| Union               | 196    | 162    | 7         | 4         | 22      | 1     |
| Wallowa             | 59     | 49     | 6         | -         | 4       | -     |
| Wasco               | 248    | 167    | 48        | 17        | 13      | 3     |
| Washington          | 1,554  | 861    | 470       | 143       | 74      | 6     |
| Wheeler             | 14     | 8      | 6         | -         | -       | -     |
| Yamhill             | 492    | 307    | 133       | 40        | 11      | 1     |
| Out-of-State        | 961    | 201    | 228       | 5         | 524     | 3     |

TABLE 54. DEATHS BY SELECTED CAUSES WITH RATES FOR OREGON AND SELECTED CITIES, OREGON, 1984

| SELECTED CAUSES OF DEATH                                                                                              | STATE AND CITIES |       |          |        |        |        |        |       |
|-----------------------------------------------------------------------------------------------------------------------|------------------|-------|----------|--------|--------|--------|--------|-------|
|                                                                                                                       | OREGON           |       | PORTLAND |        | SALEM  |        | EUGENE |       |
|                                                                                                                       | NUMBER           | RATE  | NUMBER   | RATE   | NUMBER | RATE   | NUMBER | RATE  |
| TOTAL DEATHS, ALL CAUSES.....                                                                                         | 23,101           | 868.5 | 4,284    | 1153.2 | 1,022  | 1102.7 | 802    | 775.6 |
| Tuberculosis, All Forms (010-018).....                                                                                | 23               | .9    | 7        | 1.9    | 1      | 1.1    | 0      | 0.0   |
| Septicemia (038).....                                                                                                 | 72               | 2.7   | 23       | 6.2    | 3      | 3.2    | 3      | 2.9   |
| Viral Hepatitis (070).....                                                                                            | 17               | .6    | 3        | .8     | 1      | 1.1    | 0      | 0.0   |
| Other Infective & Parasitic Diseases<br>(Residual 001-139).....                                                       | 60               | 2.3   | 14       | 3.8    | 3      | 3.2    | 1      | 1.0   |
| Malignant Neoplasms (140-280).....                                                                                    | 5,387            | 202.5 | 931      | 250.6  | 236    | 254.6  | 177    | 171.2 |
| Of Buccal Cavity & Pharynx (140-149).....                                                                             | 92               | 3.5   | 19       | 5.1    | 4      | 4.3    | 3      | 2.9   |
| Of Digestive Organs & Peritoneum (150-159).....                                                                       | 1,280            | 48.1  | 244      | 65.7   | 57     | 61.5   | 42     | 40.6  |
| Of Resp. & Intrathoracic Organs (160-165).....                                                                        | 1,637            | 61.5  | 300      | 80.8   | 67     | 72.3   | 49     | 47.4  |
| Of Breast (174-175).....                                                                                              | 458              | 17.2  | 65       | 17.5   | 25     | 27.0   | 20     | 19.3  |
| Of Genital Organs (179-187).....                                                                                      | 616              | 23.2  | 95       | 25.6   | 22     | 23.7   | 14     | 13.5  |
| Of Urinary Organs (188-189).....                                                                                      | 219              | 8.2   | 32       | 8.6    | 12     | 12.9   | 5      | 4.8   |
| Leukemia (204-208).....                                                                                               | 208              | 7.8   | 32       | 8.6    | 6      | 6.5    | 8      | 7.7   |
| Benign Neoplasms (210-229).....                                                                                       | 22               | .8    | 2        | .5     | 4      | 4.3    | 1      | 1.0   |
| In Situ, Uncertain Behavior, Unspecified<br>Neoplasms (230-239).....                                                  | 45               | 1.7   | 7        | 1.9    | 0      | 0.0    | 1      | 1.0   |
| Diabetes Mellitus (250).....                                                                                          | 343              | 12.9  | 43       | 11.6   | 6      | 6.5    | 21     | 20.3  |
| Anemias (280-285).....                                                                                                | 20               | .8    | 6        | 1.6    | 1      | 1.1    | 2      | 1.9   |
| Alcoholic Psychoses, Alcoholism (291, 303)...                                                                         | 69               | 2.6   | 28       | 7.5    | 4      | 4.3    | 0      | 0.0   |
| Drug Dependence (304).....                                                                                            | 1                | 0.0   | 0        | 0.0    | 1      | 1.1    | 0      | 0.0   |
| Meningitis (302-322).....                                                                                             | 8                | .3    | 1        | .3     | 0      | 0.0    | 0      | 0.0   |
| Parkinson's Disease (332).....                                                                                        | 99               | 3.7   | 17       | 4.6    | 5      | 5.4    | 4      | 3.9   |
| Epilepsy (345).....                                                                                                   | 17               | .6    | 4        | 1.1    | 1      | 1.1    | 1      | 1.0   |
| Major Cardiovascular Diseases (390-448).....                                                                          | 10,696           | 402.1 | 2,015    | 542.4  | 478    | 515.8  | 384    | 371.4 |
| Diseases of the Heart (390-398, 402, 404-429).....                                                                    | 8,022            | 301.6 | 1,526    | 410.8  | 339    | 365.8  | 275    | 266.0 |
| Rheumatic Fever & Chronic Rheumatic<br>Heart Disease (390-398).....                                                   | 98               | 3.7   | 17       | 4.6    | 6      | 6.5    | 4      | 3.9   |
| Hypertensive Heart Disease with/without<br>Renal Disease (402, 404).....                                              | 224              | 8.4   | 64       | 17.2   | 6      | 6.5    | 4      | 3.9   |
| Ischemic Heart Disease (410-414).....                                                                                 | 6,009            | 225.9 | 1,142    | 307.4  | 259    | 279.5  | 220    | 212.8 |
| Myocardial Infarction (410).....                                                                                      | 2,228            | 83.8  | 393      | 105.8  | 109    | 117.6  | 66     | 63.8  |
| Other Acute & Subacute Ischemic<br>Heart Disease (411).....                                                           | 16               | .6    | 2        | .5     | 1      | 1.1    | 1      | 1.0   |
| Chronic Ischemic Heart<br>Disease (412-414).....                                                                      | 3,765            | 141.5 | 747      | 201.1  | 149    | 160.8  | 153    | 148.0 |
| All Other Forms (415-429).....                                                                                        | 1,691            | 63.6  | 303      | 81.6   | 68     | 73.4   | 47     | 45.5  |
| Hypertension (401, 403).....                                                                                          | 71               | 2.7   | 9        | 2.4    | 3      | 3.2    | 1      | 1.0   |
| Cerebrovascular Disease (430-438).....                                                                                | 1,919            | 72.1  | 342      | 92.1   | 105    | 113.3  | 80     | 77.4  |
| Subarachnoid Hemorrhage (430).....                                                                                    | 66               | 2.5   | 13       | 3.5    | 1      | 1.1    | 4      | 3.9   |
| Intracerebral & Intracranial Hemorrhages<br>(431-432).....                                                            | 192              | 7.2   | 51       | 13.7   | 8      | 8.6    | 11     | 10.6  |
| Cerebral Thrombosis & Embolism (434)...                                                                               | 307              | 11.5  | 61       | 16.4   | 18     | 19.4   | 16     | 15.5  |
| Acute but Ill-Defined Cerebrovascular<br>Disease (436).....                                                           | 1,093            | 41.1  | 172      | 46.3   | 65     | 70.1   | 41     | 39.7  |
| General Ischemic Cerebrovascular<br>Disease (437).....                                                                | 202              | 7.6   | 34       | 9.2    | 10     | 10.8   | 7      | 6.8   |
| Arteriosclerosis (440).....                                                                                           | 431              | 16.2  | 87       | 23.4   | 19     | 20.5   | 19     | 18.4  |
| Other Diseases of Arteries, Arterioles &<br>Capillaries (441-448).....                                                | 253              | 9.5   | 51       | 13.7   | 12     | 12.9   | 9      | 8.7   |
| Venous Thrombosis & Embolism (451-453).....                                                                           | 20               | .8    | 1        | .3     | 0      | 0.0    | 0      | 0.0   |
| Pneumonia (480-486).....                                                                                              | 679              | 25.5  | 121      | 32.6   | 22     | 23.7   | 30     | 29.0  |
| Influenza (487).....                                                                                                  | 46               | 1.7   | 7        | 1.9    | 2      | 2.2    | 1      | 1.0   |
| Bronchitis, Emphysema, Asthma, COPD<br>(490-493, 496).....                                                            | 957              | 36.0  | 184      | 49.5   | 42     | 45.3   | 32     | 30.9  |
| Peptic Ulcer (531-533).....                                                                                           | 66               | 2.5   | 21       | 5.7    | 0      | 0.0    | 4      | 3.9   |
| Hernia & Intestinal Obst. (550-553.9, 560)...                                                                         | 52               | 2.0   | 6        | 1.6    | 3      | 3.2    | 2      | 1.9   |
| Cirrhosis of the Liver (571).....                                                                                     | 318              | 12.0  | 88       | 23.7   | 12     | 12.9   | 9      | 8.7   |
| Alcoholic Cirrhosis (571.0-.3).....                                                                                   | 262              | 9.8   | 75       | 20.2   | 11     | 11.9   | 7      | 6.8   |
| Diseases of the Gallbladder (574-576).....                                                                            | 40               | 1.5   | 70       | 1.9    | 2      | 2.2    | 1      | 1.0   |
| Diseases of the Pancreas (577).....                                                                                   | 16               | .6    | 6        | 1.6    | 1      | 1.1    | 0      | 0.0   |
| Nephritis & Nephrosis (580-589).....                                                                                  | 174              | 6.5   | 32       | 8.6    | 8      | 8.6    | 5      | 4.8   |
| Infections of the Kidney (590).....                                                                                   | 25               | .9    | 4        | 1.1    | 2      | 2.2    | 0      | 0.0   |
| Diseases of the Male Genital Organs (600-608)<br>Diseases of Uterus and Other Female Genital<br>Organs (614-629)..... | 6                | .2    | 0        | 0.0    | 1      | 1.1    | 0      | 0.0   |
| Complications of Pregnancy, Childbirth and<br>the Puerperium (630-676).....                                           | 4                | .2    | 1        | .3     | 0      | 0.0    | 0      | 0.0   |
| Congenital Anomalies (740-759).....                                                                                   | 5                | .2    | 2        | .5     | 0      | 0.0    | 0      | 0.0   |
| Certain Causes of Mortality in Early<br>Infancy (760-779).....                                                        | 152              | 5.7   | 26       | 7.0    | 8      | 8.6    | 7      | 6.8   |
| Senility (797).....                                                                                                   | 136              | 5.1   | 36       | 9.7    | 13     | 14.0   | 3      | 2.9   |
| Sudden Infant Death Syndrome (798.0).....                                                                             | 5                | .2    | 1        | .3     | 0      | 0.0    | 0      | 0.0   |
| All Other Natural Causes.....                                                                                         | 109              | 4.1   | 12       | 3.2    | 7      | 7.6    | 1      | 1.0   |
| Accidents (800-949).....                                                                                              | 1,608            | 60.5  | 348      | 93.7   | 82     | 88.5   | 67     | 64.8  |
| Motor Vehicle (810-825).....                                                                                          | 1,185            | 44.5  | 150      | 40.4   | 44     | 47.5   | 26     | 25.1  |
| Suicide (950-959).....                                                                                                | 607              | 22.8  | 60       | 16.2   | 22     | 23.7   | 10     | 9.7   |
| Homicide (960-978).....                                                                                               | 423              | 15.9  | 76       | 20.5   | 19     | 20.5   | 12     | 11.6  |
| Injuries Undetermined Whether Accidentally<br>or Purposely Inflicted (980-989).....                                   | 135              | 5.1   | 28       | 7.5    | 7      | 7.6    | 4      | 3.9   |
|                                                                                                                       | 61               | 2.3   | 26       | 7.0    | 3      | 3.2    | 3      | 2.9   |

Death rates per 100,000 population

TABLE 55. DEATHS BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1984

| SELECTED CAUSES OF DEATH                                                            | COUNTY OF RESIDENCE |        |        |       |           |       |         |       |
|-------------------------------------------------------------------------------------|---------------------|--------|--------|-------|-----------|-------|---------|-------|
|                                                                                     | BAKER               |        | BENTON |       | CLACKAMAS |       | CLATSOP |       |
|                                                                                     | NUMBER              | RATE   | NUMBER | RATE  | NUMBER    | RATE  | NUMBER  | RATE  |
| TOTAL DEATHS, ALL CAUSES.....                                                       | 163                 | 1018.7 | 354    | 516.8 | 1861      | 755.6 | 327     | 993.9 |
| Tuberculosis, All Forms (010-018).....                                              | 0                   | 0.0    | 0      | 0.0   | 1         | .4    | 0       | 0.0   |
| Septicemia (038).....                                                               | 0                   | 0.0    | 1      | 1.5   | 4         | 1.6   | 1       | 3.0   |
| Viral Hepatitis (070).....                                                          | 0                   | 0.0    | 0      | 0.0   | 2         | .8    | 0       | 0.0   |
| Other Infective & Parasitic Diseases<br>(Residual 001-139).....                     | 0                   | 0.0    | 1      | 1.5   | 5         | 2.0   | 0       | 0.0   |
| Malignant Neoplasms (140-280).....                                                  | 42                  | 262.5  | 82     | 119.7 | 466       | 189.2 | 74      | 224.9 |
| Of Buccal Cavity & Pharynx (140-149).....                                           | 0                   | 0.0    | 1      | 1.5   | 9         | 3.7   | 4       | 12.2  |
| Of Digestive Organs & Peritoneum (150-159).....                                     | 8                   | 50.0   | 20     | 29.2  | 114       | 46.3  | 18      | 54.7  |
| Of Resp. & Intrathoracic Organs (160-165).....                                      | 20                  | 125.0  | 19     | 27.7  | 122       | 49.5  | 21      | 63.8  |
| Of Breast (174-175).....                                                            | 2                   | 12.5   | 9      | 13.1  | 42        | 17.1  | 2       | 6.1   |
| Of Genital Organs (179-187).....                                                    | 1                   | 6.2    | 13     | 19.0  | 53        | 21.5  | 11      | 33.4  |
| Of Urinary Organs (188-189).....                                                    | 1                   | 6.2    | 5      | 7.3   | 23        | 9.3   | 3       | 9.1   |
| Leukemia (204-208).....                                                             | 1                   | 6.2    | 0      | 0.0   | 25        | 10.2  | 1       | 3.0   |
| Benign Neoplasms (210-229).....                                                     | 0                   | 0.0    | 1      | 1.5   | 3         | 1.2   | 1       | 3.0   |
| In Situ, Uncertain Behavior, Unspecified<br>Neoplasms (230-239).....                | 0                   | 0.0    | 0      | 0.0   | 5         | 2.0   | 0       | 0.0   |
| Diabetes Mellitus (250).....                                                        | 3                   | 18.7   | 11     | 16.1  | 29        | 11.8  | 2       | 6.1   |
| Anemias (280-285).....                                                              | 0                   | 0.0    | 0      | 0.0   | 2         | .8    | 0       | 0.0   |
| Alcoholic Psychoses, Alcoholism (291, 303)....                                      | 0                   | 0.0    | 2      | 2.9   | 2         | .8    | 0       | 0.0   |
| Drug Dependence (304).....                                                          | 0                   | 0.0    | 0      | 0.0   | 0         | 0.0   | 0       | 0.0   |
| Meningitis (302-322).....                                                           | 0                   | 0.0    | 0      | 0.0   | 1         | .4    | 0       | 0.0   |
| Parkinson's Disease (332).....                                                      | 0                   | 0.0    | 7      | 10.2  | 4         | 1.6   | 0       | 0.0   |
| Epilepsy (345).....                                                                 | 0                   | 0.0    | 0      | 0.0   | 0         | 0.0   | 0       | 0.0   |
| Major Cardiovascular Diseases (390-448).....                                        | 83                  | 518.7  | 158    | 230.7 | 862       | 350.0 | 158     | 480.2 |
| Diseases of the Heart (390-398, 402, 404-429).....                                  | 68                  | 425.0  | 112    | 163.5 | 633       | 257.0 | 115     | 349.5 |
| Rheumatic Fever & Chronic Rheumatic<br>Heart Disease (390-398).....                 | 1                   | 6.2    | 2      | 2.9   | 4         | 1.6   | 1       | 3.0   |
| Hypertensive Heart Disease with/without<br>Renal Disease (402, 404).....            | 2                   | 12.5   | 4      | 5.8   | 26        | 10.6  | 2       | 6.1   |
| Ischemic Heart Disease (410-414).....                                               | 49                  | 306.2  | 85     | 124.1 | 469       | 190.4 | 90      | 273.6 |
| Myocardial Infarction (410).....                                                    | 11                  | 68.7   | 24     | 35.0  | 149       | 60.5  | 32      | 97.3  |
| Other Acute & Subacute Ischemic<br>Heart Disease (411).....                         | 0                   | 0.0    | 0      | 0.0   | 1         | .4    | 0       | 0.0   |
| Chronic Ischemic Heart<br>Disease (412-414).....                                    | 38                  | 237.5  | 61     | 89.1  | 319       | 129.5 | 58      | 176.3 |
| All Other Forms (415-429).....                                                      | 16                  | 100.0  | 21     | 30.7  | 134       | 54.4  | 22      | 66.9  |
| Hypertension (401, 403).....                                                        | 1                   | 6.2    | 1      | 1.5   | 7         | 2.8   | 2       | 6.1   |
| Cerebrovascular Disease (430-438).....                                              | 10                  | 62.5   | 34     | 49.6  | 162       | 65.8  | 31      | 94.2  |
| Subarachnoid Hemorrhage (430).....                                                  | 0                   | 0.0    | 1      | 1.5   | 11        | 4.5   | 0       | 0.0   |
| Intracerebral & Intracranial Hemorrhage<br>(431-432).....                           | 0                   | 0.0    | 5      | 7.3   | 10        | 4.1   | 4       | 12.2  |
| Cerebral Thrombosis & Embolism (434)....                                            | 2                   | 12.5   | 6      | 8.8   | 18        | 7.3   | 5       | 15.2  |
| Acute but Ill-Defined Cerebrovascular<br>Disease (436).....                         | 7                   | 43.7   | 14     | 20.4  | 85        | 34.5  | 18      | 54.7  |
| General Ischemic Cerebrovascular<br>Disease (437).....                              | 1                   | 6.2    | 8      | 11.7  | 33        | 13.4  | 4       | 12.2  |
| Arteriosclerosis (440).....                                                         | 3                   | 18.7   | 7      | 10.2  | 36        | 14.6  | 8       | 24.3  |
| Other Diseases of Arteries, Arterioles &<br>Capillaries (441-448).....              | 1                   | 6.2    | 4      | 5.8   | 24        | 9.7   | 2       | 6.1   |
| Venous Thrombosis & Embolism (451-453).....                                         | 0                   | 0.0    | 0      | 0.0   | 5         | 2.0   | 1       | 3.0   |
| Pneumonia (480-486).....                                                            | 6                   | 37.5   | 12     | 17.5  | 64        | 26.0  | 10      | 30.4  |
| Influenza (487).....                                                                | 0                   | 0.0    | 0      | 0.0   | 5         | 2.0   | 0       | 0.0   |
| Bronchitis, Emphysema, Asthma, COPD<br>(490-493, 496).....                          | 8                   | 50.0   | 20     | 29.2  | 62        | 25.2  | 15      | 45.6  |
| Peptic Ulcer (531-533).....                                                         | 0                   | 0.0    | 0      | 0.0   | 1         | .4    | 2       | 6.1   |
| Hernia & Intestinal Obst. (550-553.9, 560)....                                      | 1                   | 6.2    | 1      | 1.5   | 4         | 1.6   | 0       | 0.0   |
| Cirrhosis of the Liver (571).....                                                   | 2                   | 12.5   | 3      | 4.4   | 18        | 7.3   | 4       | 12.2  |
| Alcoholic Cirrhosis (571.0-.3).....                                                 | 1                   | 6.2    | 2      | 2.9   | 13        | 5.3   | 4       | 12.2  |
| Diseases of the Gallbladder (574-576).....                                          | 0                   | 0.0    | 0      | 0.0   | 2         | .8    | 1       | 3.0   |
| Diseases of the Pancreas (577).....                                                 | 0                   | 0.0    | 1      | 1.5   | 1         | .4    | 1       | 3.0   |
| Nephritis & Nephrosis (580-589).....                                                | 3                   | 18.7   | 2      | 2.9   | 16        | 6.5   | 2       | 6.1   |
| Infections of the Kidney (590).....                                                 | 0                   | 0.0    | 1      | 1.5   | 2         | .8    | 0       | 0.0   |
| Diseases of the Male Genital Organs (600-608).....                                  | 0                   | 0.0    | 1      | 1.5   | 0         | 0.0   | 0       | 0.0   |
| Diseases of Uterus and Other Female Genital<br>Organs (614-629).....                | 0                   | 0.0    | 1      | 1.5   | 1         | .4    | 0       | 0.0   |
| Complications of Pregnancy, Childbirth and<br>the Puerperium (630-676).....         | 0                   | 0.0    | 0      | 0.0   | 0         | 0.0   | 0       | 0.0   |
| Congenital Anomalies (740-759).....                                                 | 1                   | 6.2    | 1      | 1.5   | 16        | 6.5   | 1       | 3.0   |
| Certain Causes of Mortality in Early<br>Infancy (760-779).....                      | 0                   | 0.0    | 1      | 1.5   | 13        | 5.3   | 0       | 0.0   |
| Senility (797).....                                                                 | 0                   | 0.0    | 0      | 0.0   | 1         | .4    | 0       | 0.0   |
| Sudden Infant Death Syndrome (798.0).....                                           | 0                   | 0.0    | 4      | 5.8   | 7         | 2.8   | 2       | 6.1   |
| All Other Natural Causes.....                                                       | 7                   | 43.7   | 24     | 35.0  | 116       | 47.1  | 27      | 82.1  |
| Accidents (800-949).....                                                            | 3                   | 18.7   | 9      | 13.1  | 95        | 38.6  | 22      | 66.9  |
| Motor Vehicle (810-825).....                                                        | 1                   | 6.2    | 5      | 7.3   | 61        | 24.8  | 10      | 30.4  |
| Suicide (950-959).....                                                              | 4                   | 25.0   | 9      | 13.1  | 32        | 13.0  | 2       | 6.1   |
| Homicide (960-978).....                                                             | 0                   | 0.0    | 1      | 1.5   | 9         | 3.7   | 1       | 3.0   |
| Injuries Undetermined Whether Accidentally<br>or Purposely Inflicted (980-989)..... | 0                   | 0.0    | 0      | 0.0   | 5         | 2.0   | 0       | 0.0   |

Death rates per 100,000 population



TABLE 55. DEATHS BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1984

| SELECTED CAUSES OF DEATH                                                                                              | COUNTY OF RESIDENCE |       |        |        |        |        |        |        |
|-----------------------------------------------------------------------------------------------------------------------|---------------------|-------|--------|--------|--------|--------|--------|--------|
|                                                                                                                       | COLUMBIA            |       | COOS   |        | CROOK  |        | CURRY  |        |
|                                                                                                                       | NUMBER              | RATE  | NUMBER | RATE   | NUMBER | RATE   | NUMBER | RATE   |
| TOTAL DEATHS, ALL CAUSES.....                                                                                         | 319                 | 881.2 | 622    | 1019.7 | 135    | 1038.5 | 180    | 1052.6 |
| Tuberculosis, All Forms (010-018).....                                                                                | 0                   | 0.0   | 1      | 1.6    | 0      | 0.0    | 0      | 0.0    |
| Septicemia (038).....                                                                                                 | 3                   | 8.3   | 3      | 4.9    | 0      | 0.0    | 2      | 11.7   |
| Viral Hepatitis (070).....                                                                                            | 0                   | 0.0   | 0      | 0.0    | 0      | 0.0    | 0      | 0.0    |
| Other Infective & Parasitic Diseases<br>(Residual 001-139).....                                                       | 2                   | 5.5   | 3      | 4.9    | 0      | 0.0    | 0      | 0.0    |
| Malignant Neoplasms (140-280).....                                                                                    | 72                  | 198.9 | 146    | 239.3  | 27     | 207.7  | 39     | 228.1  |
| Of Buccal Cavity & Pharynx (140-149).....                                                                             | 1                   | 2.8   | 2      | 3.3    | 1      | 7.7    | 0      | 0.0    |
| Of Digestive Organs & Peritoneum (150-159).....                                                                       | 19                  | 52.5  | 31     | 50.8   | 3      | 23.1   | 10     | 58.5   |
| Of Resp. & Intrathoracic Organs (160-165).....                                                                        | 26                  | 71.8  | 49     | 80.3   | 12     | 92.3   | 16     | 93.6   |
| Of Breast (174-175).....                                                                                              | 8                   | 22.1  | 18     | 29.5   | 5      | 38.5   | 2      | 11.7   |
| Of Genital Organs (179-187).....                                                                                      | 3                   | 8.3   | 13     | 21.3   | 2      | 15.4   | 3      | 17.5   |
| Of Urinary Organs (188-189).....                                                                                      | 4                   | 11.0  | 3      | 4.9    | 1      | 7.7    | 1      | 5.8    |
| Leukemia (204-208).....                                                                                               | 3                   | 8.3   | 6      | 9.8    | 1      | 7.7    | 1      | 5.8    |
| Benign Neoplasms (210-229).....                                                                                       | 0                   | 0.0   | 0      | 0.0    | 0      | 0.0    | 0      | 0.0    |
| In Situ, Uncertain Behavior, Unspecified<br>Neoplasms (230-239).....                                                  | 1                   | 2.8   | 1      | 1.6    | 0      | 0.0    | 0      | 0.0    |
| Diabetes Mellitus (250).....                                                                                          | 4                   | 11.0  | 12     | 19.7   | 1      | 7.7    | 4      | 23.4   |
| Anemias (280-285).....                                                                                                | 0                   | 0.0   | 2      | 3.3    | 0      | 0.0    | 0      | 0.0    |
| Alcoholic Psychoses, Alcoholism (291, 303)....                                                                        | 1                   | 2.8   | 0      | 0.0    | 0      | 0.0    | 1      | 5.8    |
| Drug Dependence (304).....                                                                                            | 0                   | 0.0   | 0      | 0.0    | 0      | 0.0    | 0      | 0.0    |
| Meningitis (302-322).....                                                                                             | 0                   | 0.0   | 0      | 0.0    | 0      | 0.0    | 0      | 0.0    |
| Parkinson's Disease (332).....                                                                                        | 2                   | 5.5   | 3      | 4.9    | 1      | 7.7    | 1      | 5.8    |
| Epilepsy (345).....                                                                                                   | 1                   | 2.8   | 1      | 1.6    | 0      | 0.0    | 0      | 0.0    |
| Major Cardiovascular Diseases (390-448).....                                                                          | 142                 | 392.3 | 268    | 439.3  | 58     | 446.2  | 82     | 479.5  |
| Diseases of the Heart (390-398, 402, 404-429).....                                                                    | 124                 | 342.5 | 201    | 329.5  | 38     | 292.3  | 69     | 403.5  |
| Rheumatic Fever & Chronic Rheumatic<br>Heart Disease (390-398).....                                                   | 0                   | 0.0   | 2      | 3.3    | 1      | 7.7    | 2      | 11.7   |
| Hypertensive Heart Disease with/without<br>Renal Disease (402, 404).....                                              | 3                   | 8.3   | 4      | 6.6    | 1      | 7.7    | 0      | 0.0    |
| Ischemic Heart Disease (410-414).....                                                                                 | 87                  | 240.3 | 154    | 252.5  | 32     | 246.2  | 39     | 228.1  |
| Myocardial Infarction (410).....                                                                                      | 37                  | 102.2 | 56     | 91.8   | 10     | 76.9   | 26     | 152.0  |
| Other Acute & Subacute Ischemic<br>Heart Disease (411).....                                                           | 0                   | 0.0   | 0      | 0.0    | 1      | 7.7    | 1      | 5.8    |
| Chronic Ischemic Heart<br>Disease (412-414).....                                                                      | 50                  | 138.1 | 98     | 160.7  | 21     | 161.5  | 12     | 70.2   |
| All Other Forms (415-429).....                                                                                        | 34                  | 93.9  | 41     | 67.2   | 4      | 30.8   | 28     | 163.7  |
| Hypertension (401, 403).....                                                                                          | 1                   | 2.8   | 3      | 4.9    | 1      | 7.7    | 0      | 0.0    |
| Cerebrovascular Disease (430-438).....                                                                                | 13                  | 35.9  | 49     | 80.3   | 7      | 53.8   | 10     | 58.5   |
| Subarachnoid Hemorrhage (430).....                                                                                    | 0                   | 0.0   | 1      | 1.6    | 1      | 7.7    | 0      | 0.0    |
| Intracerebral & Intracranial Hemorrhages<br>(431-432).....                                                            | 1                   | 2.8   | 3      | 4.9    | 1      | 7.7    | 0      | 0.0    |
| Cerebral Thrombosis & Embolism (434)....                                                                              | 2                   | 5.5   | 7      | 11.5   | 0      | 0.0    | 1      | 5.8    |
| Acute but Ill-Defined Cerebrovascular<br>Disease (436).....                                                           | 10                  | 27.6  | 35     | 57.4   | 5      | 38.5   | 9      | 52.6   |
| General Ischemic Cerebrovascular<br>Disease (437).....                                                                | 0                   | 0.0   | 2      | 3.3    | 0      | 0.0    | 0      | 0.0    |
| Arteriosclerosis (440).....                                                                                           | 4                   | 11.0  | 6      | 9.8    | 11     | 84.6   | 1      | 5.8    |
| Other Diseases of Arteries, Arterioles &<br>Capillaries (441-448).....                                                | 0                   | 0.0   | 9      | 14.8   | 1      | 7.7    | 2      | 11.7   |
| Venous Thrombosis & Embolism (451-453).....                                                                           | 0                   | 0.0   | 2      | 3.3    | 0      | 0.0    | 0      | 0.0    |
| Pneumonia (480-486).....                                                                                              | 7                   | 19.3  | 18     | 29.5   | 9      | 69.2   | 3      | 17.5   |
| Influenza (487).....                                                                                                  | 8                   | 22.1  | 0      | 0.0    | 0      | 0.0    | 0      | 0.0    |
| Bronchitis, Emphysema, Asthma, COPD<br>(490-493, 496).....                                                            | 15                  | 41.4  | 25     | 41.0   | 6      | 46.2   | 6      | 35.1   |
| Peptic Ulcer (531-533).....                                                                                           | 2                   | 5.5   | 0      | 0.0    | 0      | 0.0    | 0      | 0.0    |
| Hernia & Intestinal Obst. (550-553.9, 560)...                                                                         | 1                   | 2.8   | 2      | 3.3    | 0      | 0.0    | 1      | 5.8    |
| Cirrhosis of the Liver (571).....                                                                                     | 7                   | 19.3  | 7      | 11.5   | 5      | 38.5   | 1      | 5.8    |
| Alcoholic Cirrhosis (571.0-.3).....                                                                                   | 5                   | 13.8  | 6      | 9.8    | 3      | 23.1   | 0      | 0.0    |
| Diseases of the Gallbladder (574-576).....                                                                            | 0                   | 0.0   | 3      | 4.9    | 0      | 0.0    | 0      | 0.0    |
| Diseases of the Pancreas (577).....                                                                                   | 0                   | 0.0   | 0      | 0.0    | 0      | 0.0    | 0      | 0.0    |
| Nephritis & Nephrosis (580-589).....                                                                                  | 1                   | 2.8   | 8      | 13.1   | 3      | 23.1   | 4      | 23.4   |
| Infections of the Kidney (590).....                                                                                   | 0                   | 0.0   | 0      | 0.0    | 0      | 0.0    | 0      | 0.0    |
| Diseases of the Male Genital Organs (600-608)<br>Diseases of Uterus and Other Female Genital<br>Organs (614-629)..... | 0                   | 0.0   | 0      | 0.0    | 0      | 0.0    | 0      | 0.0    |
| Complications of Pregnancy, Childbirth and<br>the Puerperium (630-676).....                                           | 0                   | 0.0   | 0      | 0.0    | 0      | 0.0    | 0      | 0.0    |
| Congenital Anomalies (740-759).....                                                                                   | 1                   | 2.8   | 3      | 4.9    | 3      | 23.1   | 1      | 5.8    |
| Certain Causes of Mortality in Early<br>Infancy (760-779).....                                                        | 2                   | 5.5   | 1      | 1.6    | 0      | 0.0    | 2      | 11.7   |
| Senility (797).....                                                                                                   | 0                   | 0.0   | 2      | 3.3    | 0      | 0.0    | 0      | 0.0    |
| Sudden Infant Death Syndrome (798.0).....                                                                             | 0                   | 0.0   | 1      | 1.6    | 1      | 7.7    | 1      | 5.8    |
| All Other Natural Causes.....                                                                                         | 24                  | 66.3  | 58     | 95.1   | 11     | 84.6   | 10     | 58.5   |
| Accidents (800-949).....                                                                                              | 20                  | 55.2  | 40     | 65.6   | 7      | 53.8   | 18     | 93.6   |
| Motor Vehicle (810-825).....                                                                                          | 13                  | 35.9  | 19     | 31.1   | 4      | 30.8   | 6      | 35.1   |
| Suicide (950-959).....                                                                                                | 3                   | 8.3   | 10     | 16.4   | 2      | 15.4   | 3      | 17.5   |
| Homicide (960-978).....                                                                                               | 0                   | 0.0   | 2      | 3.3    | 1      | 7.7    | 3      | 17.5   |
| Injuries Undetermined Whether Accidentally<br>or Purposely Inflicted (980-989).....                                   | 0                   | 0.0   | 0      | 0.0    | 0      | 0.0    | 0      | 0.0    |

Death rates per 100,000 population



TABLE 55. DEATHS BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1984

| SELECTED CAUSES OF DEATH                                                            | COUNTY OF RESIDENCE |       |         |       |         |       |        |        |
|-------------------------------------------------------------------------------------|---------------------|-------|---------|-------|---------|-------|--------|--------|
|                                                                                     | DESCHUTES           |       | DOUGLAS |       | GILLIAM |       | GRANT  |        |
|                                                                                     | NUMBER              | RATE  | NUMBER  | RATE  | NUMBER  | RATE  | NUMBER | RATE   |
| TOTAL DEATHS, ALL CAUSES.....                                                       | 489                 | 764.1 | 855     | 935.4 | 18      | 923.1 | 85     | 1055.9 |
| Tuberculosis, All Forms (010-018).....                                              | 0                   | 0.0   | 1       | 1.1   | 0       | 0.0   | 0      | 0.0    |
| Septicemia (038).....                                                               | 0                   | 0.0   | 5       | 5.5   | 0       | 0.0   | 0      | 0.0    |
| Viral Hepatitis (070).....                                                          | 0                   | 0.0   | 0       | 0.0   | 0       | 0.0   | 0      | 0.0    |
| Other Infective & Parasitic Diseases<br>(Residual 001-139).....                     | 0                   | 0.0   | 4       | 4.4   | 0       | 0.0   | 0      | 0.0    |
| Malignant Neoplasms (140-280).....                                                  | 110                 | 171.9 | 189     | 206.8 | 3       | 153.8 | 15     | 186.3  |
| Of Buccal Cavity & Pharynx (140-149).....                                           | 2                   | 3.1   | 3       | 3.3   | 0       | 0.0   | 1      | 12.4   |
| Of Digestive Organs & Peritoneum (150-159)                                          | 25                  | 39.1  | 44      | 48.1  | 1       | 51.3  | 3      | 37.3   |
| Of Resp. & Intrathoracic Organs (160-165)                                           | 30                  | 46.9  | 63      | 68.9  | 2       | 102.6 | 1      | 12.4   |
| Of Breast (174-175).....                                                            | 6                   | 9.4   | 11      | 12.0  | 0       | 0.0   | 0      | 0.0    |
| Of Genital Organs (179-187).....                                                    | 19                  | 29.7  | 22      | 24.1  | 0       | 0.0   | 1      | 12.4   |
| Of Urinary Organs (188-189).....                                                    | 5                   | 7.8   | 11      | 12.0  | 0       | 0.0   | 1      | 12.4   |
| Leukemia (204-208).....                                                             | 5                   | 7.8   | 4       | 4.4   | 0       | 0.0   | 1      | 12.4   |
| Benign Neoplasms (210-229).....                                                     | 0                   | 0.0   | 1       | 1.1   | 0       | 0.0   | 0      | 0.0    |
| In Situ, Uncertain Behavior, Unspecified<br>Neoplasms (230-239).....                | 0                   | 0.0   | 3       | 3.3   | 0       | 0.0   | 0      | 0.0    |
| Diabetes Mellitus (250).....                                                        | 5                   | 7.8   | 16      | 17.5  | 0       | 0.0   | 1      | 12.4   |
| Anemias (280-285).....                                                              | 0                   | 0.0   | 1       | 1.1   | 0       | 0.0   | 0      | 0.0    |
| Alcoholic Psychoses, Alcoholism (291, 303)...                                       | 5                   | 7.8   | 2       | 2.2   | 0       | 0.0   | 0      | 0.0    |
| Drug Dependence (304).....                                                          | 0                   | 0.0   | 0       | 0.0   | 0       | 0.0   | 0      | 0.0    |
| Meningitis (302-322).....                                                           | 0                   | 0.0   | 1       | 1.1   | 0       | 0.0   | 0      | 0.0    |
| Parkinson's Disease (332).....                                                      | 2                   | 3.1   | 1       | 1.1   | 0       | 0.0   | 0      | 0.0    |
| Epilepsy (345).....                                                                 | 0                   | 0.0   | 2       | 2.2   | 0       | 0.0   | 0      | 0.0    |
| Major Cardiovascular Diseases (390-448).....                                        | 215                 | 335.9 | 397     | 434.4 | 11      | 564.1 | 50     | 621.1  |
| Diseases of the Heart (390-398, 402, 404-429).....                                  | 148                 | 231.2 | 305     | 333.7 | 8       | 410.3 | 47     | 583.9  |
| Rheumatic Fever & Chronic Rheumatic<br>Heart Disease (390-398).....                 | 1                   | 1.6   | 6       | 6.6   | 0       | 0.0   | 0      | 0.0    |
| Hypertensive Heart Disease with/without<br>Renal Disease (402, 404).....            | 2                   | 3.1   | 7       | 7.7   | 0       | 0.0   | 0      | 0.0    |
| Ischemic Heart Disease (410-414).....                                               | 105                 | 164.1 | 166     | 181.6 | 8       | 410.3 | 43     | 534.2  |
| Myocardial Infarction (410).....                                                    | 45                  | 70.3  | 74      | 81.0  | 4       | 205.1 | 14     | 173.9  |
| Other Acute & Subacute Ischemic<br>Heart Disease (411).....                         | 1                   | 1.6   | 0       | 0.0   | 0       | 0.0   | 0      | 0.0    |
| Chronic Ischemic Heart<br>Disease (412-414).....                                    | 59                  | 92.2  | 92      | 100.7 | 4       | 205.1 | 29     | 360.2  |
| All Other Forms (415-429).....                                                      | 40                  | 62.5  | 126     | 137.9 | 0       | 0.0   | 4      | 49.7   |
| Hypertension (401, 403).....                                                        | 2                   | 3.1   | 2       | 2.2   | 0       | 0.0   | 0      | 0.0    |
| Cerebrovascular Disease (430-438).....                                              | 46                  | 71.9  | 72      | 78.8  | 2       | 102.6 | 3      | 37.3   |
| Subarachnoid Hemorrhage (430).....                                                  | 0                   | 0.0   | 0       | 0.0   | 0       | 0.0   | 0      | 0.0    |
| Intracerebral & Intracranial Hemorrhages<br>(431-432).....                          | 3                   | 4.7   | 4       | 4.4   | 0       | 0.0   | 0      | 0.0    |
| Cerebral Thrombosis & Embolism (434)...                                             | 11                  | 17.2  | 5       | 5.5   | 0       | 0.0   | 0      | 0.0    |
| Acute but Ill-Defined Cerebrovascular<br>Disease (436).....                         | 23                  | 35.9  | 58      | 63.5  | 2       | 102.6 | 3      | 37.3   |
| General Ischemic Cerebrovascular<br>Disease (437).....                              | 6                   | 9.4   | 4       | 4.4   | 0       | 0.0   | 0      | 0.0    |
| Arteriosclerosis (440).....                                                         | 12                  | 18.7  | 6       | 6.5   | 1       | 51.3  | 0      | 0.0    |
| Other Diseases of Arteries, Arterioles &<br>Capillaries (441-448).....              | 7                   | 10.9  | 12      | 13.1  | 0       | 0.0   | 0      | 0.0    |
| Venous Thrombosis & Embolism (451-453).....                                         | 0                   | 0.0   | 0       | 0.0   | 0       | 0.0   | 0      | 0.0    |
| Pneumonia (480-486).....                                                            | 13                  | 20.3  | 27      | 29.5  | 0       | 0.0   | 1      | 12.4   |
| Influenza (487).....                                                                | 0                   | 0.0   | 1       | 1.1   | 0       | 0.0   | 0      | 0.0    |
| Bronchitis, Emphysema, Asthma, COPD<br>(490-493, 496).....                          | 25                  | 39.1  | 54      | 59.1  | 1       | 51.3  | 4      | 49.7   |
| Peptic Ulcer (531-533).....                                                         | 2                   | 3.1   | 5       | 5.5   | 0       | 0.0   | 1      | 12.4   |
| Hernia & Intestinal Obst. (550-553.9, 560)...                                       | 1                   | 1.6   | 2       | 2.2   | 0       | 0.0   | 0      | 0.0    |
| Cirrhosis of the Liver (571).....                                                   | 4                   | 6.2   | 11      | 12.0  | 0       | 0.0   | 0      | 0.0    |
| Alcoholic Cirrhosis (571.0-.3).....                                                 | 4                   | 6.2   | 8       | 8.8   | 0       | 0.0   | 0      | 0.0    |
| Diseases of the Gallbladder (574-576).....                                          | 1                   | 1.6   | 3       | 3.3   | 0       | 0.0   | 1      | 12.4   |
| Diseases of the Pancreas (577).....                                                 | 0                   | 0.0   | 0       | 0.0   | 0       | 0.0   | 0      | 0.0    |
| Nephritis & Nephrosis (580-589).....                                                | 2                   | 3.1   | 3       | 3.3   | 1       | 51.3  | 1      | 12.4   |
| Infections of the Kidney (590).....                                                 | 0                   | 0.0   | 1       | 1.1   | 0       | 0.0   | 0      | 0.0    |
| Diseases of the Male Genital Organs (600-608)                                       | 0                   | 0.0   | 0       | 0.0   | 0       | 0.0   | 0      | 0.0    |
| Diseases of Uterus and Other Female Genital<br>Organs (614-629).....                | 0                   | 0.0   | 0       | 0.0   | 1       | 51.3  | 0      | 0.0    |
| Complications of Pregnancy, Childbirth and<br>the Puerperium (630-676).....         | 0                   | 0.0   | 0       | 0.0   | 0       | 0.0   | 0      | 0.0    |
| Congenital Anomalies (740-759).....                                                 | 4                   | 6.2   | 4       | 4.4   | 0       | 0.0   | 0      | 0.0    |
| Certain Causes of Mortality in Early<br>Infancy (760-779).....                      | 4                   | 6.2   | 4       | 4.4   | 0       | 0.0   | 0      | 0.0    |
| Senility (797).....                                                                 | 0                   | 0.0   | 0       | 0.0   | 0       | 0.0   | 0      | 0.0    |
| Sudden Infant Death Syndrome (798.0).....                                           | 4                   | 6.2   | 5       | 5.5   | 0       | 0.0   | 0      | 0.0    |
| All Other Natural Causes.....                                                       | 44                  | 68.7  | 46      | 50.3  | 0       | 0.0   | 6      | 74.5   |
| Accidents (800-949).....                                                            | 33                  | 51.6  | 49      | 53.6  | 1       | 51.3  | 5      | 62.1   |
| Motor Vehicle (810-825).....                                                        | 20                  | 31.2  | 22      | 24.1  | 1       | 51.3  | 3      | 37.3   |
| Suicide (950-959).....                                                              | 9                   | 14.1  | 14      | 15.3  | 0       | 0.0   | 0      | 0.0    |
| Homicide (960-978).....                                                             | 6                   | 9.4   | 2       | 2.2   | 0       | 0.0   | 0      | 0.0    |
| Injuries Undetermined Whether Accidentally<br>or Purposely Inflicted (980-989)..... | 0                   | 0.0   | 1       | 1.1   | 0       | 0.0   | 0      | 0.0    |

Death rates per 100,000 population

TABLE 55. DEATHS BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1984

| SELECTED CAUSES OF DEATH                                                                                              | COUNTY OF RESIDENCE |       |            |       |         |       |           |       |
|-----------------------------------------------------------------------------------------------------------------------|---------------------|-------|------------|-------|---------|-------|-----------|-------|
|                                                                                                                       | HARNEY              |       | HOOD RIVER |       | JACKSON |       | JEFFERSON |       |
|                                                                                                                       | NUMBER              | RATE  | NUMBER     | RATE  | NUMBER  | RATE  | NUMBER    | RATE  |
| TOTAL DEATHS, ALL CAUSES.....                                                                                         | 55                  | 758.6 | 143        | 872.0 | 1172    | 867.5 | 87        | 713.1 |
| Tuberculosis, All Forms (010-018).....                                                                                | 0                   | 0.0   | 0          | 0.0   | 5       | 3.7   | 0         | 0.0   |
| Septicemia (038).....                                                                                                 | 0                   | 0.0   | 0          | 0.0   | 3       | 2.2   | 0         | 0.0   |
| Viral Hepatitis (070).....                                                                                            | 0                   | 0.0   | 0          | 0.0   | 1       | .7    | 0         | 0.0   |
| Other Infective & Parasitic Diseases<br>(Residual 001-139).....                                                       | 0                   | 0.0   | 0          | 0.0   | 1       | .7    | 0         | 0.0   |
| Malignant Neoplasms (140-280).....                                                                                    | 13                  | 179.3 | 26         | 158.5 | 276     | 204.3 | 12        | 98.4  |
| Of Buccal Cavity & Pharynx (140-149).....                                                                             | 0                   | 0.0   | 0          | 0.0   | 7       | 5.2   | 0         | 0.0   |
| Of Digestive Organs & Peritoneum (150-159).....                                                                       | 8                   | 110.3 | 6          | 36.6  | 65      | 48.1  | 5         | 41.0  |
| Of Resp. & Intrathoracic Organs (160-165).....                                                                        | 1                   | 13.8  | 5          | 30.5  | 95      | 70.3  | 6         | 49.2  |
| Of Breast (174-175).....                                                                                              | 1                   | 13.8  | 2          | 12.2  | 22      | 16.3  | 1         | 8.2   |
| Of Genital Organs (179-187).....                                                                                      | 0                   | 0.0   | 5          | 30.5  | 25      | 18.5  | 0         | 0.0   |
| Of Urinary Organs (188-189).....                                                                                      | 0                   | 0.0   | 2          | 12.2  | 12      | 8.9   | 0         | 0.0   |
| Leukemia (204-208).....                                                                                               | 2                   | 27.6  | 1          | 6.1   | 13      | 9.6   | 0         | 0.0   |
| Benign Neoplasms (210-229).....                                                                                       | 0                   | 0.0   | 0          | 0.0   | 1       | .7    | 0         | 0.0   |
| In Situ, Uncertain Behavior, Unspecified<br>Neoplasms (230-239).....                                                  | 0                   | 0.0   | 0          | 0.0   | 1       | .7    | 0         | 0.0   |
| Diabetes Mellitus (250).....                                                                                          | 1                   | 13.8  | 3          | 18.3  | 10      | 7.4   | 3         | 24.6  |
| Anemias (280-285).....                                                                                                | 0                   | 0.0   | 0          | 0.0   | 1       | .7    | 0         | 0.0   |
| Alcoholic Psychoses, Alcoholism (291, 303)....                                                                        | 0                   | 0.0   | 0          | 0.0   | 2       | 1.5   | 0         | 0.0   |
| Drug Dependence (304).....                                                                                            | 0                   | 0.0   | 0          | 0.0   | 0       | 0.0   | 0         | 0.0   |
| Meningitis (302-322).....                                                                                             | 1                   | 13.8  | 0          | 0.0   | 0       | 0.0   | 0         | 0.0   |
| Parkinson's Disease (332).....                                                                                        | 0                   | 0.0   | 0          | 0.0   | 8       | 5.9   | 1         | 8.2   |
| Epilepsy (345).....                                                                                                   | 0                   | 0.0   | 0          | 0.0   | 2       | 1.5   | 0         | 0.0   |
| Major Cardiovascular Diseases (390-448).....                                                                          | 23                  | 317.2 | 65         | 396.3 | 541     | 400.4 | 48        | 393.4 |
| Diseases of the Heart (390-398, 402, 404-429).....                                                                    | 15                  | 206.9 | 44         | 268.3 | 400     | 296.1 | 25        | 204.9 |
| Rheumatic Fever & Chronic Rheumatic<br>Heart Disease (390-398).....                                                   | 0                   | 0.0   | 0          | 0.0   | 5       | 3.7   | 1         | 8.2   |
| Hypertensive Heart Disease with/without<br>Renal Disease (402, 404).....                                              | 0                   | 0.0   | 1          | 6.1   | 8       | 5.9   | 0         | 0.0   |
| Ischemic Heart Disease (410-414).....                                                                                 | 10                  | 137.9 | 39         | 237.8 | 315     | 233.2 | 17        | 139.3 |
| Myocardial Infarction (410).....                                                                                      | 1                   | 13.8  | 17         | 103.7 | 108     | 79.9  | 10        | 82.0  |
| Other Acute & Subacute Ischemic<br>Heart Disease (411).....                                                           | 0                   | 0.0   | 0          | 0.0   | 0       | 0.0   | 0         | 0.0   |
| Chronic Ischemic Heart<br>Disease (412-414).....                                                                      | 9                   | 124.1 | 22         | 134.1 | 207     | 153.2 | 7         | 57.4  |
| All Other Forms (415-429).....                                                                                        | 5                   | 69.0  | 4          | 24.4  | 72      | 53.3  | 7         | 57.4  |
| Hypertension (401, 403).....                                                                                          | 0                   | 0.0   | 0          | 0.0   | 4       | 3.0   | 0         | 0.0   |
| Cerebrovascular Diseases (430-438).....                                                                               | 7                   | 96.6  | 10         | 61.0  | 107     | 79.2  | 21        | 172.1 |
| Subarachnoid Hemorrhage (430).....                                                                                    | 0                   | 0.0   | 0          | 0.0   | 2       | 1.5   | 0         | 0.0   |
| Intracerebral & Intracranial Hemorrhages<br>(431-432).....                                                            | 0                   | 0.0   | 1          | 6.1   | 15      | 11.1  | 0         | 0.0   |
| Cerebral Thrombosis & Embolism (434)....                                                                              | 1                   | 13.8  | 2          | 12.2  | 27      | 20.0  | 1         | 8.2   |
| Acute but Ill-Defined Cerebrovascular<br>Disease (436).....                                                           | 3                   | 41.4  | 6          | 36.6  | 47      | 34.8  | 18        | 147.5 |
| General Ischemic Cerebrovascular<br>Disease (437).....                                                                | 3                   | 41.4  | 0          | 0.0   | 12      | 8.9   | 2         | 16.4  |
| Arteriosclerosis (440).....                                                                                           | 0                   | 0.0   | 9          | 54.9  | 13      | 9.6   | 1         | 8.2   |
| Other Diseases of Arteries, Arterioles &<br>Capillaries (441-448).....                                                | 1                   | 13.8  | 2          | 12.2  | 17      | 12.6  | 1         | 8.2   |
| Venous Thrombosis & Embolism (451-453).....                                                                           | 0                   | 0.0   | 0          | 0.0   | 0       | 0.0   | 1         | 8.2   |
| Pneumonia (480-486).....                                                                                              | 1                   | 13.8  | 5          | 30.5  | 25      | 18.5  | 2         | 16.4  |
| Influenza (487).....                                                                                                  | 0                   | 0.0   | 0          | 0.0   | 2       | 1.5   | 0         | 0.0   |
| Bronchitis, Emphysema, Asthma, COPD<br>(490-493, 496).....                                                            | 1                   | 13.8  | 11         | 67.1  | 44      | 32.6  | 2         | 16.4  |
| Peptic Ulcer (531-533).....                                                                                           | 0                   | 0.0   | 2          | 12.2  | 2       | 1.5   | 0         | 0.0   |
| Hernia & Intestinal Obst. (550-553.9, 560)...                                                                         | 0                   | 0.0   | 0          | 0.0   | 3       | 2.2   | 1         | 8.2   |
| Cirrhosis of the Liver (571).....                                                                                     | 1                   | 13.8  | 2          | 12.2  | 20      | 14.8  | 0         | 0.0   |
| Alcoholic Cirrhosis (571.0-.3).....                                                                                   | 1                   | 13.8  | 2          | 12.2  | 17      | 12.6  | 0         | 0.0   |
| Diseases of the Gallbladder (574-576).....                                                                            | 0                   | 0.0   | 0          | 0.0   | 2       | 1.5   | 0         | 0.0   |
| Diseases of the Pancreas (577).....                                                                                   | 0                   | 0.0   | 0          | 0.0   | 0       | 0.0   | 0         | 0.0   |
| Nephritis & Nephrosis (580-589).....                                                                                  | 2                   | 27.6  | 0          | 0.0   | 12      | 8.9   | 1         | 8.2   |
| Infections of the Kidney (590).....                                                                                   | 0                   | 0.0   | 0          | 0.0   | 1       | .7    | 0         | 0.0   |
| Diseases of the Male Genital Organs (600-608)<br>Diseases of Uterus and Other Female Genital<br>Organs (614-629)..... | 0                   | 0.0   | 0          | 0.0   | 0       | 0.0   | 0         | 0.0   |
| Complications of Pregnancy, Childbirth and<br>the Puerperium (630-676).....                                           | 0                   | 0.0   | 0          | 0.0   | 0       | 0.0   | 0         | 0.0   |
| Congenital Anomalies (740-759).....                                                                                   | 0                   | 0.0   | 1          | 6.1   | 10      | 7.4   | 0         | 0.0   |
| Certain Causes of Mortality in Early<br>Infancy (760-779).....                                                        | 0                   | 0.0   | 0          | 0.0   | 4       | 3.0   | 1         | 8.2   |
| Suffocation (797).....                                                                                                | 0                   | 0.0   | 0          | 0.0   | 0       | 0.0   | 0         | 0.0   |
| Sudden Infant Death Syndrome (798.0).....                                                                             | 0                   | 0.0   | 1          | 6.1   | 6       | 4.4   | 1         | 8.2   |
| All Other Natural Causes.....                                                                                         | 5                   | 69.0  | 11         | 67.1  | 81      | 60.0  | 3         | 24.6  |
| Accidents (800-949).....                                                                                              | 4                   | 55.2  | 13         | 79.3  | 78      | 57.7  | 8         | 65.6  |
| Motor Vehicle (810-825).....                                                                                          | 1                   | 13.8  | 4          | 24.4  | 38      | 28.1  | 6         | 49.2  |
| Suicide (950-959).....                                                                                                | 3                   | 41.4  | 2          | 12.2  | 22      | 16.3  | 1         | 8.2   |
| Homicide (960-978).....                                                                                               | 0                   | 0.0   | 1          | 6.1   | 7       | 5.2   | 2         | 16.4  |
| Injuries Undetermined Whether Accidentally<br>or Purposely Inflicted (980-989).....                                   | 0                   | 0.0   | 0          | 0.0   | 1       | .7    | 0         | 0.0   |

Death rates per 100,000 population

TABLE 55. DEATHS BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1984

| SELECTED CAUSES OF DEATH                                                         | COUNTY OF RESIDENCE |        |         |       |        |       |        |       |
|----------------------------------------------------------------------------------|---------------------|--------|---------|-------|--------|-------|--------|-------|
|                                                                                  | JOSEPHINE           |        | KLAMATH |       | LAKE   |       | LANE   |       |
|                                                                                  | NUMBER              | RATE   | NUMBER  | RATE  | NUMBER | RATE  | NUMBER | RATE  |
| TOTAL DEATHS, ALL CAUSES.....                                                    | 664                 | 1101.2 | 483     | 829.9 | 64     | 842.1 | 2069   | 770.6 |
| Tuberculosis, All Forms (010-018).....                                           | 1                   | 1.7    | 0       | 0.0   | 0      | 0.0   | 0      | 0.0   |
| Septicemia (038).....                                                            | 1                   | 1.7    | 2       | 3.4   | 0      | 0.0   | 4      | 1.5   |
| Viral Hepatitis (070).....                                                       | 0                   | 0.0    | 1       | 1.7   | 0      | 0.0   | 0      | 0.0   |
| Other Infective & Parasitic Diseases                                             |                     |        |         |       |        |       |        |       |
| (Residual 001-139).....                                                          | 0                   | 0.0    | 2       | 3.4   | 0      | 0.0   | 5      | 1.9   |
| Malignant Neoplasms (140-280).....                                               | 164                 | 272.0  | 119     | 204.5 | 12     | 157.9 | 493    | 183.6 |
| Of Buccal Cavity & Pharynx (140-149).....                                        | 2                   | 3.3    | 2       | 3.4   | 1      | 13.2  | 10     | 3.7   |
| Of Digestive Organs & Peritoneum (150-159)                                       | 38                  | 63.0   | 24      | 41.2  | 0      | 0.0   | 117    | 43.6  |
| Of Resp. & Intrathoracic Organs (160-165)...                                     | 41                  | 68.0   | 41      | 70.4  | 4      | 52.6  | 146    | 54.4  |
| Of Breast (174-175).....                                                         | 12                  | 19.9   | 9       | 15.5  | 4      | 52.6  | 44     | 16.4  |
| Of Genital Organs (179-187).....                                                 | 17                  | 28.2   | 24      | 41.2  | 1      | 13.2  | 51     | 19.0  |
| Of Urinary Organs (188-189).....                                                 | 7                   | 11.6   | 3       | 5.2   | 1      | 13.2  | 14     | 5.2   |
| Leukemia (204-208).....                                                          | 7                   | 11.6   | 6       | 10.3  | 0      | 0.0   | 17     | 6.3   |
| Benign Neoplasms (210-229).....                                                  | 0                   | 0.0    | 1       | 1.7   | 1      | 13.2  | 1      | .4    |
| In Situ, Uncertain Behavior, Unspecified                                         |                     |        |         |       |        |       |        |       |
| Neoplasms (230-239).....                                                         | 2                   | 3.3    | 2       | 3.4   | 1      | 13.2  | 5      | 1.9   |
| Diabetes Mellitus (250).....                                                     | 11                  | 18.2   | 9       | 15.5  | 0      | 0.0   | 42     | 15.6  |
| Anemias (280-285).....                                                           | 0                   | 0.0    | 1       | 1.7   | 0      | 0.0   | 2      | .7    |
| Alcoholic Psychoses, Alcoholism (291, 303)...                                    | 3                   | 5.0    | 1       | 1.7   | 0      | 0.0   | 1      | .4    |
| Drug Dependence (304).....                                                       | 0                   | 0.0    | 0       | 0.0   | 0      | 0.0   | 0      | 0.0   |
| Meningitis (302-322).....                                                        | 0                   | 0.0    | 0       | 0.0   | 0      | 0.0   | 0      | 0.0   |
| Parkinson's Disease (332).....                                                   | 1                   | 1.7    | 2       | 3.4   | 0      | 0.0   | 11     | 4.1   |
| Epilepsy (345).....                                                              | 0                   | 0.0    | 0       | 0.0   | 1      | 13.2  | 3      | 1.1   |
| Major Cardiovascular Diseases (390-448).....                                     | 320                 | 530.7  | 214     | 367.7 | 27     | 355.3 | 955    | 355.7 |
| Diseases of the Heart (390-398, 402, 404-429).....                               | 231                 | 383.1  | 164     | 281.8 | 25     | 328.9 | 693    | 258.1 |
| Rheumatic Fever & Chronic Rheumatic Heart Disease (390-398).....                 | 1                   | 1.7    | 2       | 3.4   | 0      | 0.0   | 8      | 3.0   |
| Hypertensive Heart Disease with/without Renal Disease (402, 404).....            | 7                   | 11.6   | 3       | 5.2   | 0      | 0.0   | 14     | 5.2   |
| Ischemic Heart Disease (410-414).....                                            | 180                 | 298.5  | 136     | 233.7 | 17     | 223.7 | 542    | 201.9 |
| Myocardial Infarction (410).....                                                 | 69                  | 114.4  | 68      | 116.8 | 7      | 92.1  | 195    | 72.6  |
| Other Acute & Subacute Ischemic Heart Disease (411).....                         | 0                   | 0.0    | 0       | 0.0   | 0      | 0.0   | 4      | 1.5   |
| Chronic Ischemic Heart Disease (412-414).....                                    | 111                 | 184.1  | 68      | 116.8 | 10     | 131.6 | 343    | 127.7 |
| All Other Forms (415-429).....                                                   | 43                  | 71.3   | 23      | 39.5  | 8      | 105.3 | 129    | 48.0  |
| Hypertension (401, 403).....                                                     | 3                   | 5.0    | 2       | 3.4   | 0      | 0.0   | 8      | 3.0   |
| Cerebrovascular Disease (430-438).....                                           | 63                  | 104.5  | 37      | 63.6  | 1      | 13.2  | 181    | 67.4  |
| Subarachnoid Hemorrhage (430).....                                               | 5                   | 8.3    | 0       | 0.0   | 0      | 0.0   | 7      | 2.6   |
| Intracerebral & Intracranial Hemorrhages (431-432).....                          | 5                   | 8.3    | 3       | 5.2   | 0      | 0.0   | 25     | 9.3   |
| Cerebral Thrombosis & Embolism (434)...                                          | 5                   | 8.3    | 2       | 3.4   | 0      | 0.0   | 36     | 13.4  |
| Acute but Ill-Defined Cerebrovascular Disease (436).....                         | 38                  | 63.0   | 27      | 46.4  | 0      | 0.0   | 90     | 33.5  |
| General Ischemic Cerebrovascular Disease (437).....                              | 7                   | 11.6   | 2       | 3.4   | 1      | 13.2  | 16     | 6.0   |
| Arteriosclerosis (440).....                                                      | 19                  | 31.5   | 7       | 12.0  | 0      | 0.0   | 52     | 19.4  |
| Other Diseases of Arteries, Arterioles & Capillaries (441-448).....              | 4                   | 6.6    | 4       | 6.9   | 1      | 13.2  | 21     | 7.8   |
| Venous Thrombosis & Embolism (451-453).....                                      | 1                   | 1.7    | 0       | 0.0   | 0      | 0.0   | 0      | 0.0   |
| Pneumonia (480-486).....                                                         | 14                  | 23.2   | 16      | 27.5  | 1      | 13.2  | 67     | 25.0  |
| Influenza (487).....                                                             | 1                   | 1.7    | 0       | 0.0   | 0      | 0.0   | 5      | 1.9   |
| Bronchitis, Emphysema, Asthma, COPD (490-493, 496).....                          | 36                  | 59.7   | 16      | 27.5  | 4      | 52.6  | 83     | 30.9  |
| Peptic Ulcer (531-533).....                                                      | 1                   | 1.7    | 1       | 1.7   | 0      | 0.0   | 5      | 1.9   |
| Hernia & Intestinal Obst. (550-553.9, 560)...                                    | 2                   | 3.3    | 1       | 1.7   | 0      | 0.0   | 4      | 1.5   |
| Cirrhosis of the Liver (571).....                                                | 7                   | 11.6   | 12      | 20.6  | 3      | 39.5  | 24     | 8.9   |
| Alcoholic Cirrhosis (571.0-.3).....                                              | 7                   | 11.6   | 11      | 18.9  | 2      | 26.3  | 18     | 6.7   |
| Diseases of the Gallbladder (574-576).....                                       | 0                   | 0.0    | 0       | 0.0   | 0      | 0.0   | 4      | 1.5   |
| Diseases of the Pancreas (577).....                                              | 1                   | 1.7    | 0       | 0.0   | 0      | 0.0   | 2      | .7    |
| Nephritis & Nephrosis (580-589).....                                             | 3                   | 5.0    | 1       | 1.7   | 0      | 0.0   | 10     | 3.7   |
| Infections of the Kidney (590).....                                              | 0                   | 0.0    | 0       | 0.0   | 0      | 0.0   | 3      | 1.1   |
| Diseases of the Male Genital Organs (600-608)                                    | 1                   | 1.7    | 0       | 0.0   | 0      | 0.0   | 1      | .4    |
| Diseases of Uterus and Other Female Genital Organs (614-629).....                | 0                   | 0.0    | 0       | 0.0   | 0      | 0.0   | 0      | 0.0   |
| Complications of Pregnancy, Childbirth and the Puerperium (630-676).....         | 0                   | 0.0    | 2       | 3.4   | 0      | 0.0   | 0      | 0.0   |
| Congenital Anomalies (740-759).....                                              | 3                   | 5.0    | 1       | 1.7   | 0      | 0.0   | 18     | 6.7   |
| Certain Causes of Mortality in Early Infancy (760-779).....                      | 3                   | 5.0    | 2       | 3.4   | 1      | 13.2  | 5      | 1.9   |
| Senility (797).....                                                              | 0                   | 0.0    | 1       | 1.7   | 0      | 0.0   | 0      | 0.0   |
| Sudden Infant Death Syndrome (798.0).....                                        | 4                   | 6.6    | 3       | 5.2   | 1      | 13.2  | 8      | 3.0   |
| All Other Natural Causes.....                                                    | 37                  | 61.4   | 30      | 51.5  | 3      | 39.5  | 148    | 55.1  |
| Accidents (800-949).....                                                         | 31                  | 51.4   | 31      | 53.3  | 8      | 105.3 | 98     | 36.5  |
| Motor Vehicle (810-825).....                                                     | 17                  | 28.2   | 14      | 24.1  | 5      | 65.8  | 52     | 19.4  |
| Suicide (950-959).....                                                           | 10                  | 16.6   | 10      | 17.2  | 1      | 13.2  | 46     | 17.1  |
| Homicide (960-978).....                                                          | 6                   | 10.0   | 2       | 3.4   | 0      | 0.0   | 12     | 4.5   |
| Injuries Undetermined Whether Accidentally or Purposely Inflicted (980-989)..... | 0                   | 0.0    | 0       | 0.0   | 0      | 0.0   | 4      | 1.5   |

Death rates per 100,000 population

TABLE 55. DEATHS BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1984

| SELECTED CAUSES OF DEATH                                                            | COUNTY OF RESIDENCE |        |        |       |         |       |        |       |
|-------------------------------------------------------------------------------------|---------------------|--------|--------|-------|---------|-------|--------|-------|
|                                                                                     | LINCOLN             |        | LINN   |       | MALHEUR |       | MARION |       |
|                                                                                     | NUMBER              | RATE   | NUMBER | RATE  | NUMBER  | RATE  | NUMBER | RATE  |
| TOTAL DEATHS, ALL CAUSES.....                                                       | 428                 | 1147.5 | 761    | 846.5 | 236     | 848.9 | 1870   | 890.5 |
| Tuberculosis, All Forms (010-018).....                                              | 0                   | 0.0    | 1      | 1.1   | 1       | 3.6   | 2      | 1.0   |
| Septicemia (038).....                                                               | 2                   | 5.4    | 1      | 1.1   | 3       | 10.8  | 3      | 1.4   |
| Viral Hepatitis (070).....                                                          | 0                   | 0.0    | 0      | 0.0   | 0       | 0.0   | 2      | 1.0   |
| Other Infective & Parasitic Diseases<br>(Residual 001-139).....                     | 2                   | 5.4    | 2      | 2.2   | 0       | 0.0   | 6      | 2.9   |
| Malignant Neoplasms (140-280).....                                                  | 126                 | 337.8  | 169    | 188.0 | 57      | 205.0 | 435    | 207.1 |
| Of Buccal Cavity & Pharynx (140-149).....                                           | 3                   | 8.0    | 1      | 1.1   | 1       | 3.6   | 7      | 3.3   |
| Of Digestive Organs & Peritoneum (150-159)                                          | 30                  | 80.4   | 50     | 55.6  | 14      | 50.4  | 87     | 41.4  |
| Of Resp. & Intrathoracic Organs (160-165)                                           | 38                  | 101.9  | 47     | 52.3  | 12      | 43.2  | 129    | 61.4  |
| Of Breast (174-175).....                                                            | 7                   | 18.8   | 13     | 14.5  | 6       | 21.6  | 42     | 20.0  |
| Of Genital Organs (179-187).....                                                    | 17                  | 45.6   | 24     | 26.7  | 7       | 25.2  | 59     | 28.1  |
| Of Urinary Organs (188-189).....                                                    | 6                   | 16.1   | 7      | 7.8   | 3       | 10.8  | 20     | 9.5   |
| Leukemia (204-208).....                                                             | 1                   | 2.7    | 5      | 5.6   | 3       | 10.8  | 13     | 6.2   |
| Benign Neoplasms (210-229).....                                                     | 0                   | 0.0    | 3      | 3.3   | 0       | 0.0   | 4      | 1.9   |
| In Situ, Uncertain Behavior, Unspecified<br>Neoplasms (230-239).....                | 0                   | 0.0    | 0      | 0.0   | 1       | 3.6   | 7      | 3.3   |
| Diabetes Mellitus (250).....                                                        | 9                   | 24.1   | 11     | 12.2  | 6       | 21.6  | 19     | 9.0   |
| Anemias (280-285).....                                                              | 0                   | 0.0    | 0      | 0.0   | 0       | 0.0   | 1      | .5    |
| Alcoholic Psychoses, Alcoholism (291, 303)...                                       | 2                   | 5.4    | 1      | 1.1   | 3       | 10.8  | 5      | 2.4   |
| Drug Dependence (304).....                                                          | 0                   | 0.0    | 0      | 0.0   | 0       | 0.0   | 1      | .5    |
| Meningitis (302-322).....                                                           | 0                   | 0.0    | 0      | 0.0   | 0       | 0.0   | 0      | 0.0   |
| Parkinson's Disease (332).....                                                      | 0                   | 0.0    | 2      | 2.2   | 1       | 3.6   | 11     | 5.2   |
| Epilepsy (345).....                                                                 | 0                   | 0.0    | 1      | 1.1   | 0       | 0.0   | 1      | .5    |
| Major Cardiovascular Diseases (390-448).....                                        | 191                 | 512.1  | 369    | 410.5 | 95      | 341.7 | 890    | 423.8 |
| Diseases of the Heart (390-398, 402, 404-429).....                                  | 130                 | 348.5  | 299    | 332.6 | 77      | 277.0 | 657    | 312.9 |
| Rheumatic Fever & Chronic Rheumatic<br>Heart Disease (390-398).....                 | 3                   | 8.0    | 7      | 7.8   | 0       | 0.0   | 11     | 5.2   |
| Hypertensive Heart Disease with/without<br>Renal Disease (402, 404).....            | 1                   | 2.7    | 2      | 2.2   | 1       | 3.6   | 17     | 8.1   |
| Ischemic Heart Disease (410-414).....                                               | 94                  | 252.0  | 231    | 257.0 | 65      | 233.8 | 491    | 233.8 |
| Myocardial Infarction (410).....                                                    | 41                  | 109.9  | 90     | 100.1 | 14      | 50.4  | 191    | 91.0  |
| Other Acute & Subacute Ischemic<br>Heart Disease (411).....                         | 0                   | 0.0    | 0      | 0.0   | 0       | 0.0   | 1      | .5    |
| Chronic Ischemic Heart<br>Disease (412-414).....                                    | 53                  | 142.1  | 141    | 156.8 | 51      | 183.5 | 299    | 142.4 |
| All Other Forms (415-429).....                                                      | 32                  | 85.8   | 59     | 65.6  | 11      | 39.6  | 138    | 65.7  |
| Hypertension (401, 403).....                                                        | 2                   | 5.4    | 2      | 2.2   | 0       | 0.0   | 8      | 3.8   |
| Cerebrovascular Disease (430-438).....                                              | 46                  | 123.3  | 49     | 54.5  | 15      | 54.0  | 180    | 85.7  |
| Subarachnoid Hemorrhage (430).....                                                  | 2                   | 5.4    | 2      | 2.2   | 0       | 0.0   | 5      | 2.4   |
| Intracerebral & Intracranial Hemorrhages<br>(431-432).....                          | 2                   | 5.4    | 1      | 1.1   | 3       | 10.8  | 15     | 7.1   |
| Cerebral Thrombosis & Embolism (434)...                                             | 2                   | 5.4    | 13     | 14.5  | 3       | 10.8  | 32     | 15.2  |
| Acute but Ill-Defined Cerebrovascular<br>Disease (436).....                         | 33                  | 88.5   | 26     | 28.9  | 9       | 32.4  | 108    | 51.4  |
| General Ischemic Cerebrovascular<br>Disease (437).....                              | 6                   | 16.1   | 4      | 4.4   | 0       | 0.0   | 17     | 8.1   |
| Arteriosclerosis (440).....                                                         | 10                  | 26.8   | 14     | 15.6  | 1       | 3.6   | 32     | 15.2  |
| Other Diseases of Arteries, Arterioles &<br>Capillaries (441-448).....              | 3                   | 8.0    | 5      | 5.6   | 2       | 7.2   | 13     | 6.2   |
| Venous Thrombosis & Embolism (451-453).....                                         | 0                   | 0.0    | 1      | 1.1   | 0       | 0.0   | 1      | .5    |
| Pneumonia (480-486).....                                                            | 7                   | 18.8   | 26     | 28.9  | 4       | 14.4  | 55     | 26.2  |
| Influenza (487).....                                                                | 1                   | 2.7    | 1      | 1.1   | 0       | 0.0   | 4      | 1.9   |
| Bronchitis, Emphysema, Asthma, COPD<br>(490-493, 496).....                          | 16                  | 42.9   | 32     | 35.6  | 9       | 32.4  | 66     | 31.4  |
| Peptic Ulcer (531-533).....                                                         | 1                   | 2.7    | 0      | 0.0   | 2       | 7.2   | 2      | 1.0   |
| Hernia & Intestinal Obst. (550-553.9, 560)...                                       | 0                   | 0.0    | 2      | 2.2   | 0       | 0.0   | 5      | 2.4   |
| Cirrhosis of the Liver (571).....                                                   | 5                   | 13.4   | 5      | 5.6   | 0       | 0.0   | 21     | 10.0  |
| Alcoholic Cirrhosis (571.0-.3).....                                                 | 4                   | 10.7   | 4      | 4.4   | 0       | 0.0   | 19     | 9.0   |
| Diseases of the Gallbladder (574-576).....                                          | 1                   | 2.7    | 2      | 2.2   | 2       | 7.2   | 2      | 1.0   |
| Diseases of the Pancreas (577).....                                                 | 0                   | 0.0    | 0      | 0.0   | 0       | 0.0   | 1      | .5    |
| Nephritis & Nephrosis (580-589).....                                                | 1                   | 2.7    | 6      | 6.7   | 4       | 14.4  | 16     | 7.6   |
| Infections of the Kidney (590).....                                                 | 1                   | 2.7    | 1      | 1.1   | 1       | 3.6   | 2      | 1.0   |
| Diseases of the Male Genital Organs (600-608)                                       | 0                   | 0.0    | 1      | 1.1   | 0       | 0.0   | 0      | 0.0   |
| Diseases of Uterus and Other Female Genital<br>Organs (614-629).....                | 0                   | 0.0    | 0      | 0.0   | 0       | 0.0   | 0      | 0.0   |
| Complications of Pregnancy, Childbirth and<br>the Puerperium (630-676).....         | 0                   | 0.0    | 0      | 0.0   | 0       | 0.0   | 0      | 0.0   |
| Congenital Anomalies (740-759).....                                                 | 2                   | 5.4    | 3      | 3.3   | 5       | 18.0  | 12     | 5.7   |
| Certain Causes of Mortality in Early<br>Infancy (760-779).....                      | 0                   | 0.0    | 5      | 5.6   | 3       | 10.8  | 21     | 10.0  |
| Senility (797).....                                                                 | 0                   | 0.0    | 0      | 0.0   | 0       | 0.0   | 0      | 0.0   |
| Sudden Infant Death Syndrome (798.0).....                                           | 2                   | 5.4    | 6      | 6.7   | 3       | 10.8  | 10     | 4.8   |
| All Other Natural Causes.....                                                       | 28                  | 75.1   | 45     | 50.1  | 17      | 61.2  | 122    | 58.1  |
| Accidents (800-949).....                                                            | 24                  | 64.3   | 36     | 40.0  | 15      | 54.0  | 94     | 44.8  |
| Motor Vehicle (810-825).....                                                        | 12                  | 32.2   | 21     | 23.4  | 8       | 28.8  | 48     | 22.9  |
| Suicide (950-959).....                                                              | 5                   | 13.4   | 22     | 24.5  | 2       | 7.2   | 38     | 18.1  |
| Homicide (960-978).....                                                             | 1                   | 2.7    | 5      | 5.6   | 2       | 7.2   | 8      | 3.8   |
| Injuries Undetermined Whether Accidentally<br>or Purposely Inflicted (980-989)..... | 1                   | 2.7    | 2      | 2.2   | 0       | 0.0   | 3      | 1.4   |

Death rates per 100,000 population



TABLE 55. DEATHS BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1984

| SELECTED CAUSES OF DEATH                           | COUNTY OF RESIDENCE |       |           |        |        |       |         |       |
|----------------------------------------------------|---------------------|-------|-----------|--------|--------|-------|---------|-------|
|                                                    | MORROW              |       | MULTNOMAH |        | POLK   |       | SHERMAN |       |
|                                                    | NUMBER              | RATE  | NUMBER    | RATE   | NUMBER | RATE  | NUMBER  | RATE  |
| TOTAL DEATHS, ALL CAUSES.....                      | 63                  | 840.0 | 5737      | 1020.3 | 441    | 980.0 | 19      | 863.6 |
| Tuberculosis, All Forms (010-018).....             | 0                   | 0.0   | 7         | 1.2    | 0      | 0.0   | 0       | 0.0   |
| Septicemia (038).....                              | 0                   | 0.0   | 26        | 4.6    | 0      | 0.0   | 0       | 0.0   |
| Viral Hepatitis (070).....                         | 0                   | 0.0   | 4         | .7     | 1      | 2.2   | 0       | 0.0   |
| Other Infective & Parasitic Diseases               |                     |       |           |        |        |       |         |       |
| (Residual 001-139).....                            | 0                   | 0.0   | 17        | 3.0    | 0      | 0.0   | 0       | 0.0   |
| Malignant Neoplasms (140-280).....                 | 14                  | 186.7 | 1237      | 220.0  | 101    | 224.4 | 2       | 90.9  |
| Of Buccal Cavity & Pharynx (140-149).....          | 0                   | 0.0   | 25        | 4.4    | 1      | 2.2   | 0       | 0.0   |
| Of Digestive Organs & Peritoneum (150-159)         | 7                   | 93.3  | 300       | 53.4   | 23     | 51.1  | 1       | 45.5  |
| Of Resp. & Intrathoracic Organs (160-165)...       | 3                   | 40.0  | 396       | 70.4   | 31     | 68.9  | 1       | 45.5  |
| Of Breast (174-175).....                           | 0                   | 0.0   | 96        | 17.1   | 8      | 17.8  | 0       | 0.0   |
| Of Genital Organs (179-187).....                   | 3                   | 40.0  | 132       | 23.5   | 10     | 22.2  | 0       | 0.0   |
| Of Urinary Organs (188-189).....                   | 0                   | 0.0   | 50        | 8.9    | 7      | 15.6  | 0       | 0.0   |
| Leukemia (204-208).....                            | 0                   | 0.0   | 45        | 8.0    | 6      | 13.3  | 0       | 0.0   |
| Benign Neoplasms (210-229).....                    | 0                   | 0.0   | 2         | .4     | 1      | 2.2   | 0       | 0.0   |
| In Situ, Uncertain Behavior, Unspecified           |                     |       |           |        |        |       |         |       |
| Neoplasms (230-239).....                           | 2                   | 26.7  | 11        | 2.0    | 0      | 0.0   | 0       | 0.0   |
| Diabetes Mellitus (250).....                       | 1                   | 13.3  | 66        | 11.7   | 10     | 22.2  | 1       | 45.5  |
| Anemias (280-285).....                             | 0                   | 0.0   | 8         | 1.4    | 0      | 0.0   | 0       | 0.0   |
| Alcoholic Psychoses, Alcoholism (291, 303)...      | 1                   | 13.3  | 29        | 5.2    | 0      | 0.0   | 0       | 0.0   |
| Drug Dependence (304).....                         | 0                   | 0.0   | 0         | 0.0    | 0      | 0.0   | 0       | 0.0   |
| Meningitis (302-322).....                          | 0                   | 0.0   | 2         | .4     | 0      | 0.0   | 0       | 0.0   |
| Parkinson's Disease (332).....                     | 1                   | 13.3  | 25        | 4.4    | 2      | 4.4   | 0       | 0.0   |
| Epilepsy (345).....                                | 1                   | 13.3  | 4         | .7     | 0      | 0.0   | 0       | 0.0   |
| Major Cardiovascular Diseases (390-448).....       | 26                  | 346.7 | 2700      | 480.2  | 219    | 486.7 | 7       | 318.2 |
| Diseases of the Heart (390-398, 402, 404-429)..... | 15                  | 200.0 | 2061      | 366.5  | 165    | 366.7 | 4       | 181.8 |
| Rheumatic Fever & Chronic Rheumatic                |                     |       |           |        |        |       |         |       |
| Heart Disease (390-398).....                       | 0                   | 0.0   | 22        | 3.9    | 4      | 8.9   | 0       | 0.0   |
| Hypertensive Heart Disease with/without            |                     |       |           |        |        |       |         |       |
| Renal Disease (402, 404).....                      | 1                   | 13.3  | 85        | 15.1   | 3      | 6.7   | 0       | 0.0   |
| Ischemic Heart Disease (410-414).....              | 10                  | 133.3 | 1529      | 271.9  | 123    | 273.3 | 3       | 136.4 |
| Myocardial Infarction (410).....                   | 5                   | 66.7  | 535       | 95.1   | 48     | 106.7 | 0       | 0.0   |
| Other Acute & Subacute Ischemic                    |                     |       |           |        |        |       |         |       |
| Heart Disease (411).....                           | 0                   | 0.0   | 5         | .9     | 0      | 0.0   | 0       | 0.0   |
| Chronic Ischemic Heart                             |                     |       |           |        |        |       |         |       |
| Disease (412-414).....                             | 5                   | 66.7  | 989       | 175.9  | 75     | 166.7 | 3       | 136.4 |
| All Other Forms (415-429).....                     | 4                   | 53.3  | 425       | 75.6   | 35     | 77.8  | 1       | 45.5  |
| Hypertension (401, 403).....                       | 0                   | 0.0   | 12        | 2.1    | 1      | 2.2   | 0       | 0.0   |
| Cerebrovascular Disease (430-438).....             | 8                   | 106.7 | 445       | 79.1   | 40     | 88.9  | 3       | 136.4 |
| Subarachnoid Hemorrhage (430).....                 | 0                   | 0.0   | 17        | 3.0    | 0      | 0.0   | 0       | 0.0   |
| Intracerebral & Intracranial Hemorrhages           |                     |       |           |        |        |       |         |       |
| (431-432).....                                     | 0                   | 0.0   | 57        | 10.1   | 1      | 2.2   | 0       | 0.0   |
| Cerebral Thrombosis & Embolism (434)...            | 2                   | 26.7  | 76        | 13.5   | 14     | 31.1  | 2       | 90.9  |
| Acute but Ill-Defined Cerebrovascular              |                     |       |           |        |        |       |         |       |
| Disease (436).....                                 | 4                   | 53.3  | 234       | 41.6   | 24     | 53.3  | 1       | 45.5  |
| General Ischemic Cerebrovascular                   |                     |       |           |        |        |       |         |       |
| Disease (437).....                                 | 0                   | 0.0   | 45        | 8.0    | 1      | 2.2   | 0       | 0.0   |
| Arteriosclerosis (440).....                        | 0                   | 0.0   | 111       | 19.7   | 10     | 22.2  | 0       | 0.0   |
| Other Diseases of Arteries, Arterioles &           |                     |       |           |        |        |       |         |       |
| Capillaries (441-448).....                         | 3                   | 40.0  | 71        | 12.6   | 3      | 6.7   | 0       | 0.0   |
| Venous Thrombosis & Embolism (451-453).....        | 0                   | 0.0   | 3         | .5     | 0      | 0.0   | 0       | 0.0   |
| Pneumonia (480-486).....                           | 1                   | 13.3  | 172       | 30.6   | 11     | 24.4  | 0       | 0.0   |
| Influenza (487).....                               | 1                   | 13.3  | 8         | 1.4    | 0      | 0.0   | 0       | 0.0   |
| Bronchitis, Emphysema, Asthma, COPD                |                     |       |           |        |        |       |         |       |
| (490-493, 496).....                                | 3                   | 40.0  | 247       | 43.9   | 21     | 46.7  | 2       | 90.9  |
| Peptic Ulcer (531-533).....                        | 1                   | 13.3  | 27        | 4.8    | 1      | 2.2   | 0       | 0.0   |
| Hernia & Intestinal Obst. (550-553.9, 560)...      | 0                   | 0.0   | 8         | 1.4    | 1      | 2.2   | 0       | 0.0   |
| Cirrhosis of the Liver (571).....                  | 1                   | 13.3  | 117       | 20.8   | 3      | 6.7   | 0       | 0.0   |
| Alcoholic Cirrhosis (571.0-.3).....                | 1                   | 13.3  | 102       | 18.1   | 2      | 4.4   | 0       | 0.0   |
| Diseases of the Gallbladder (574-576).....         | 0                   | 0.0   | 11        | 2.0    | 0      | 0.0   | 0       | 0.0   |
| Diseases of the Pancreas (577).....                | 0                   | 0.0   | 6         | 1.1    | 0      | 0.0   | 0       | 0.0   |
| Nephritis & Nephrosis (580-589).....               | 1                   | 13.3  | 38        | 6.8    | 4      | 8.9   | 0       | 0.0   |
| Infections of the Kidney (590).....                | 0                   | 0.0   | 6         | 1.1    | 1      | 2.2   | 1       | 45.5  |
| Diseases of the Male Genital Organs (600-608)      | 0                   | 0.0   | 0         | 0.0    | 1      | 2.2   | 0       | 0.0   |
| Diseases of Uterus and Other Female Genital        |                     |       |           |        |        |       |         |       |
| Organs (614-629).....                              | 0                   | 0.0   | 1         | .2     | 0      | 0.0   | 0       | 0.0   |
| Complications of Pregnancy, Childbirth and         |                     |       |           |        |        |       |         |       |
| the Puerperium (630-676).....                      | 0                   | 0.0   | 3         | .5     | 0      | 0.0   | 0       | 0.0   |
| Congenital Anomalies (740-759).....                | 0                   | 0.0   | 37        | 6.6    | 2      | 4.4   | 0       | 0.0   |
| Certain Causes of Mortality in Early               |                     |       |           |        |        |       |         |       |
| Infancy (760-779).....                             | 0                   | 0.0   | 41        | 7.3    | 2      | 4.4   | 1       | 45.5  |
| Senility (797).....                                | 0                   | 0.0   | 1         | .2     | 0      | 0.0   | 0       | 0.0   |
| Sudden Infant Death Syndrome (798.0).....          | 0                   | 0.0   | 23        | 4.1    | 2      | 4.4   | 0       | 0.0   |
| All Other Natural Causes.....                      | 3                   | 40.0  | 438       | 77.9   | 25     | 55.6  | 0       | 0.0   |
| Accidents (800-949).....                           | 4                   | 53.3  | 231       | 41.1   | 22     | 48.9  | 4       | 181.8 |
| Motor Vehicle (810-825).....                       | 3                   | 40.0  | 105       | 18.7   | 11     | 24.4  | 3       | 136.4 |
| Suicide (950-959).....                             | 2                   | 26.7  | 103       | 18.3   | 8      | 17.8  | 1       | 45.5  |
| Homicide (960-978).....                            | 0                   | 0.0   | 42        | 7.5    | 2      | 4.4   | 0       | 0.0   |
| Injuries Undetermined Whether Accidentally         |                     |       |           |        |        |       |         |       |
| or Purposely Inflicted (980-989).....              | 0                   | 0.0   | 36        | 6.4    | 1      | 2.2   | 0       | 0.0   |

Death rates per 100,000 population



TABLE 55. DEATHS BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1984

| SELECTED CAUSES OF DEATH                                                                                              | COUNTY OF RESIDENCE |        |          |       |        |       |         |       |
|-----------------------------------------------------------------------------------------------------------------------|---------------------|--------|----------|-------|--------|-------|---------|-------|
|                                                                                                                       | TILLAMOOK           |        | UMATILLA |       | UNION  |       | WALLOWA |       |
|                                                                                                                       | NUMBER              | RATE   | NUMBER   | RATE  | NUMBER | RATE  | NUMBER  | RATE  |
| TOTAL DEATHS, ALL CAUSES.....                                                                                         | 239                 | 1086.4 | 510      | 841.6 | 210    | 846.8 | 66      | 874.2 |
| Tuberculosis, All Forms (010-018).....                                                                                | 0                   | 0.0    | 0        | 0.0   | 0      | 0.0   | 0       | 0.0   |
| Septicemia (038).....                                                                                                 | 1                   | 4.5    | 1        | 1.7   | 0      | 0.0   | 0       | 0.0   |
| Viral Hepatitis (070).....                                                                                            | 1                   | 4.5    | 1        | 1.7   | 1      | 4.0   | 0       | 0.0   |
| Other Infective & Parasitic Diseases<br>(Residual 001-139).....                                                       | 1                   | 4.5    | 0        | 0.0   | 0      | 0.0   | 2       | 26.5  |
| Malignant Neoplasms (140-280).....                                                                                    | 63                  | 286.4  | 126      | 207.9 | 52     | 209.7 | 11      | 145.7 |
| Of Buccal Cavity & Pharynx (140-149).....                                                                             | 1                   | 4.5    | 1        | 1.7   | 0      | 0.0   | 0       | 0.0   |
| Of Digestive Organs & Peritoneum (150-159).....                                                                       | 15                  | 68.2   | 23       | 38.0  | 14     | 56.5  | 5       | 66.2  |
| Of Resp. & Intrathoracic Organs (160-165).....                                                                        | 21                  | 95.5   | 44       | 72.6  | 15     | 60.5  | 1       | 13.2  |
| Of Breast (174-175).....                                                                                              | 1                   | 4.5    | 16       | 26.4  | 3      | 12.1  | 0       | 0.0   |
| Of Genital Organs (179-187).....                                                                                      | 12                  | 54.5   | 11       | 18.2  | 4      | 16.1  | 2       | 26.5  |
| Of Urinary Organs (188-189).....                                                                                      | 1                   | 4.5    | 7        | 11.6  | 0      | 0.0   | 0       | 0.0   |
| Leukemia (204-208).....                                                                                               | 4                   | 18.2   | 6        | 9.9   | 0      | 0.0   | 1       | 13.2  |
| Benign Neoplasms (210-229).....                                                                                       | 0                   | 0.0    | 2        | 3.3   | 0      | 0.0   | 0       | 0.0   |
| In Situ, Uncertain Behavior, Unspecified<br>Neoplasms (230-239).....                                                  | 0                   | 0.0    | 1        | 1.7   | 0      | 0.0   | 0       | 0.0   |
| Diabetes Mellitus (250).....                                                                                          | 4                   | 18.2   | 10       | 16.5  | 3      | 12.1  | 2       | 26.5  |
| Anemias (280-285).....                                                                                                | 1                   | 4.5    | 0        | 0.0   | 0      | 0.0   | 0       | 0.0   |
| Alcoholic Psychoses, Alcoholism (291, 303)...                                                                         | 0                   | 0.0    | 3        | 5.0   | 0      | 0.0   | 0       | 0.0   |
| Drug Dependence (304).....                                                                                            | 0                   | 0.0    | 0        | 0.0   | 0      | 0.0   | 0       | 0.0   |
| Meningitis (302-322).....                                                                                             | 1                   | 4.5    | 0        | 0.0   | 0      | 0.0   | 0       | 0.0   |
| Parkinson's Disease (332).....                                                                                        | 0                   | 0.0    | 4        | 6.6   | 2      | 8.1   | 0       | 0.0   |
| Epilepsy (345).....                                                                                                   | 0                   | 0.0    | 0        | 0.0   | 0      | 0.0   | 0       | 0.0   |
| Major Cardiovascular Diseases (390-448).....                                                                          | 108                 | 490.9  | 219      | 361.4 | 82     | 330.6 | 30      | 397.4 |
| Diseases of the Heart (390-398, 402, 404-429).....                                                                    | 83                  | 377.3  | 168      | 277.2 | 63     | 254.0 | 28      | 370.9 |
| Rheumatic Fever & Chronic Rheumatic<br>Heart Disease (390-398).....                                                   | 1                   | 4.5    | 3        | 5.0   | 0      | 0.0   | 1       | 13.2  |
| Hypertensive Heart Disease with/without<br>Renal Disease (402, 404).....                                              | 0                   | 0.0    | 3        | 5.0   | 2      | 8.1   | 1       | 13.2  |
| Ischemic Heart Disease (410-414).....                                                                                 | 64                  | 290.9  | 132      | 217.8 | 40     | 161.3 | 20      | 264.9 |
| Myocardial Infarction (410).....                                                                                      | 23                  | 104.5  | 62       | 102.3 | 14     | 56.5  | 3       | 39.7  |
| Other Acute & Subacute Ischemic<br>Heart Disease (411).....                                                           | 0                   | 0.0    | 0        | 0.0   | 0      | 0.0   | 0       | 0.0   |
| Chronic Ischemic Heart<br>Disease (412-414).....                                                                      | 41                  | 186.4  | 70       | 115.5 | 26     | 104.8 | 17      | 225.2 |
| All Other Forms (415-429).....                                                                                        | 18                  | 81.8   | 30       | 49.5  | 21     | 84.7  | 6       | 79.5  |
| Hypertension (401, 403).....                                                                                          | 1                   | 4.5    | 0        | 0.0   | 2      | 8.1   | 0       | 0.0   |
| Cerebrovascular Disease (430-438).....                                                                                | 19                  | 86.4   | 34       | 56.1  | 13     | 52.4  | 2       | 26.5  |
| Subarachnoid Hemorrhage (430).....                                                                                    | 1                   | 4.5    | 1        | 1.7   | 1      | 4.0   | 0       | 0.0   |
| Intracerebral & Intracranial Hemorrhages<br>(431-432).....                                                            | 3                   | 13.6   | 4        | 6.6   | 2      | 8.1   | 1       | 13.2  |
| Cerebral Thrombosis & Embolism (434)...                                                                               | 2                   | 9.1    | 8        | 13.2  | 0      | 0.0   | 0       | 0.0   |
| Acute but Ill-Defined Cerebrovascular<br>Disease (436).....                                                           | 12                  | 54.5   | 17       | 28.1  | 9      | 36.3  | 1       | 13.2  |
| General Ischemic Cerebrovascular<br>Disease (437).....                                                                | 0                   | 0.0    | 3        | 5.0   | 1      | 4.0   | 0       | 0.0   |
| Arteriosclerosis (440).....                                                                                           | 3                   | 13.6   | 8        | 13.2  | 3      | 12.1  | 0       | 0.0   |
| Other Diseases of Arteries, Arterioles &<br>Capillaries (441-448).....                                                | 2                   | 9.1    | 9        | 14.9  | 1      | 4.0   | 0       | 0.0   |
| Venous Thrombosis & Embolism (451-453).....                                                                           | 1                   | 4.5    | 1        | 1.7   | 0      | 0.0   | 0       | 0.0   |
| Pneumonia (480-486).....                                                                                              | 3                   | 13.6   | 21       | 34.7  | 8      | 32.3  | 3       | 39.7  |
| Influenza (487).....                                                                                                  | 2                   | 9.1    | 1        | 1.7   | 1      | 4.0   | 0       | 0.0   |
| Bronchitis, Emphysema, Asthma, COPD<br>(490-493, 496).....                                                            | 5                   | 22.7   | 19       | 31.4  | 12     | 48.4  | 2       | 26.5  |
| Peptic Ulcer (531-533).....                                                                                           | 1                   | 4.5    | 3        | 5.0   | 0      | 0.0   | 0       | 0.0   |
| Hernia & Intestinal Obst. (550-553.9, 560)...                                                                         | 0                   | 0.0    | 2        | 3.3   | 2      | 8.1   | 0       | 0.0   |
| Cirrhosis of the Liver (571).....                                                                                     | 1                   | 4.5    | 7        | 11.6  | 1      | 4.0   | 2       | 26.5  |
| Alcoholic Cirrhosis (571.0-.3).....                                                                                   | 1                   | 4.5    | 7        | 11.6  | 1      | 4.0   | 2       | 26.5  |
| Diseases of the Gallbladder (574-576).....                                                                            | 0                   | 0.0    | 0        | 0.0   | 1      | 4.0   | 0       | 0.0   |
| Diseases of the Pancreas (577).....                                                                                   | 0                   | 0.0    | 0        | 0.0   | 0      | 0.0   | 0       | 0.0   |
| Nephritis & Nephrosis (580-589).....                                                                                  | 4                   | 18.2   | 5        | 8.3   | 1      | 4.0   | 1       | 13.2  |
| Infections of the Kidney (590).....                                                                                   | 1                   | 4.5    | 0        | 0.0   | 1      | 4.0   | 0       | 0.0   |
| Diseases of the Male Genital Organs (600-608)<br>Diseases of Uterus and Other Female Genital<br>Organs (614-629)..... | 0                   | 0.0    | 0        | 0.0   | 0      | 0.0   | 0       | 0.0   |
| Complications of Pregnancy, Childbirth and<br>the Puerperium (630-676).....                                           | 0                   | 0.0    | 0        | 0.0   | 0      | 0.0   | 0       | 0.0   |
| Congenital Anomalies (740-759).....                                                                                   | 0                   | 0.0    | 3        | 5.0   | 2      | 8.1   | 0       | 0.0   |
| Certain Causes of Mortality in Early<br>Infancy (760-779).....                                                        | 1                   | 4.5    | 4        | 6.6   | 0      | 0.0   | 0       | 0.0   |
| Senility (797).....                                                                                                   | 0                   | 0.0    | 0        | 0.0   | 0      | 0.0   | 0       | 0.0   |
| Sudden Infant Death Syndrome (798.0).....                                                                             | 0                   | 0.0    | 4        | 6.6   | 1      | 4.0   | 0       | 0.0   |
| All Other Natural Causes.....                                                                                         | 21                  | 95.5   | 30       | 49.5  | 22     | 88.7  | 5       | 66.2  |
| Accidents (800-949).....                                                                                              | 14                  | 63.6   | 27       | 44.6  | 15     | 60.5  | 6       | 79.5  |
| Motor Vehicle (810-825).....                                                                                          | 9                   | 40.9   | 12       | 19.8  | 6      | 24.2  | 5       | 66.2  |
| Suicide (950-959).....                                                                                                | 4                   | 18.2   | 12       | 19.8  | 2      | 8.1   | 1       | 13.2  |
| Homicide (960-978).....                                                                                               | 1                   | 4.5    | 2        | 3.3   | 0      | 0.0   | 1       | 13.2  |
| Injuries Undetermined Whether Accidentally<br>or Purposely Inflicted (980-989).....                                   | 0                   | 0.0    | 2        | 3.3   | 1      | 4.0   | 0       | 0.0   |

Death rates per 100,000 population

TABLE 55. DEATHS BY SELECTED CAUSES WITH RATES BY COUNTY OF RESIDENCE, OREGON, 1984

| SELECTED CAUSES OF DEATH                                                            | COUNTY OF RESIDENCE |        |            |       |         |        |         |       |
|-------------------------------------------------------------------------------------|---------------------|--------|------------|-------|---------|--------|---------|-------|
|                                                                                     | WASCO               |        | WASHINGTON |       | WHEELER |        | YAMHILL |       |
|                                                                                     | NUMBER              | RATE   | NUMBER     | RATE  | NUMBER  | RATE   | NUMBER  | RATE  |
| TOTAL DEATHS, ALL CAUSES.....                                                       | 256                 | 1137.8 | 1601       | 615.3 | 14      | 1000.0 | 505     | 886.0 |
| Tuberculosis, All Forms (010-018).....                                              | 0                   | 0.0    | 2          | .8    | 0       | 0.0    | 1       | 1.8   |
| Septicemia (038).....                                                               | 1                   | 4.4    | 5          | 1.9   | 0       | 0.0    | 0       | 0.0   |
| Viral Hepatitis (070).....                                                          | 1                   | 4.4    | 2          | .8    | 0       | 0.0    | 0       | 0.0   |
| Other Infective & Parasitic Diseases<br>(Residual 001-139).....                     | 1                   | 4.4    | 4          | 1.5   | 0       | 0.0    | 2       | 3.5   |
| Malignant Neoplasms (140-280).....                                                  | 58                  | 257.8  | 415        | 159.5 | 2       | 142.9  | 139     | 243.9 |
| Of Buccal Cavity & Pharynx (140-149).....                                           | 0                   | 0.0    | 3          | 1.2   | 0       | 0.0    | 3       | 5.3   |
| Of Digestive Organs & Peritoneum (150-159)                                          | 18                  | 80.0   | 106        | 40.7  | 0       | 0.0    | 28      | 49.1  |
| Of Resp. & Intrathoracic Organs (160-165)...                                        | 17                  | 75.6   | 125        | 48.0  | 0       | 0.0    | 37      | 64.9  |
| Of Breast (174-175).....                                                            | 6                   | 26.7   | 49         | 18.8  | 1       | 71.4   | 10      | 17.5  |
| Of Genital Organs (179-187).....                                                    | 7                   | 31.1   | 40         | 15.4  | 0       | 0.0    | 24      | 42.1  |
| Of Urinary Organs (188-189).....                                                    | 1                   | 4.4    | 11         | 4.2   | 0       | 0.0    | 9       | 15.8  |
| Leukemia (204-208).....                                                             | 3                   | 13.3   | 18         | 6.9   | 0       | 0.0    | 9       | 15.8  |
| Benign Neoplasms (210-229).....                                                     | 0                   | 0.0    | 0          | 0.0   | 0       | 0.0    | 0       | 0.0   |
| In Situ, Uncertain Behavior, Unspecified<br>Neoplasms (230-239).....                | 0                   | 0.0    | 1          | .4    | 0       | 0.0    | 1       | 1.8   |
| Diabetes Mellitus (250).....                                                        | 4                   | 17.8   | 24         | 9.2   | 0       | 0.0    | 6       | 10.5  |
| Anemias (280-285).....                                                              | 1                   | 4.4    | 0          | 0.0   | 0       | 0.0    | 0       | 0.0   |
| Alcoholic Psychoses, Alcoholism (291, 303)...                                       | 0                   | 0.0    | 4          | 1.5   | 0       | 0.0    | 1       | 1.8   |
| Drug Dependence (304).....                                                          | 0                   | 0.0    | 0          | 0.0   | 0       | 0.0    | 0       | 0.0   |
| Meningitis (302-322).....                                                           | 1                   | 4.4    | 1          | .4    | 0       | 0.0    | 0       | 0.0   |
| Parkinson's Disease (332).....                                                      | 0                   | 0.0    | 7          | 2.7   | 0       | 0.0    | 0       | 0.0   |
| Epilepsy (345).....                                                                 | 0                   | 0.0    | 0          | 0.0   | 0       | 0.0    | 0       | 0.0   |
| Major Cardiovascular Diseases (390-448).....                                        | 124                 | 551.1  | 713        | 274.0 | 9       | 642.9  | 237     | 415.8 |
| Diseases of the Heart (390-398, 402, 404-429).....                                  | 95                  | 422.2  | 539        | 207.1 | 6       | 428.6  | 167     | 293.0 |
| Rheumatic Fever & Chronic Rheumatic<br>Heart Disease (390-398).....                 | 0                   | 0.0    | 7          | 2.7   | 0       | 0.0    | 2       | 3.5   |
| Hypertensive Heart Disease with/without<br>Renal Disease (402, 404).....            | 8                   | 35.6   | 15         | 5.8   | 0       | 0.0    | 1       | 1.8   |
| Ischemic Heart Disease (410-414).....                                               | 70                  | 311.1  | 411        | 158.0 | 5       | 357.1  | 138     | 242.1 |
| Myocardial Infarction (410).....                                                    | 26                  | 115.6  | 161        | 61.9  | 1       | 71.4   | 57      | 100.0 |
| Other Acute & Subacute Ischemic<br>Heart Disease (411).....                         | 1                   | 4.4    | 1          | .4    | 0       | 0.0    | 0       | 0.0   |
| Chronic Ischemic Heart<br>Disease (412-414).....                                    | 43                  | 191.1  | 249        | 95.7  | 4       | 285.7  | 81      | 142.1 |
| All Other Forms (415-429).....                                                      | 17                  | 75.6   | 106        | 40.7  | 1       | 71.4   | 26      | 45.6  |
| Hypertension (401, 403).....                                                        | 1                   | 4.4    | 2          | .8    | 0       | 0.0    | 3       | 5.3   |
| Cerebrovascular Disease (430-438).....                                              | 19                  | 84.4   | 124        | 47.7  | 3       | 214.3  | 53      | 93.0  |
| Subarachnoid Hemorrhage (430).....                                                  | 3                   | 13.3   | 5          | 1.9   | 0       | 0.0    | 1       | 1.8   |
| Intracerebral & Intracranial Hemorrhages<br>(431-432).....                          | 4                   | 17.8   | 14         | 5.4   | 1       | 71.4   | 4       | 7.0   |
| Cerebral Thrombosis & Embolism (434)...                                             | 1                   | 4.4    | 15         | 5.8   | 0       | 0.0    | 6       | 10.5  |
| Acute but Ill-Defined Cerebrovascular<br>Disease (436).....                         | 11                  | 48.9   | 76         | 29.2  | 2       | 142.9  | 28      | 49.1  |
| General Ischemic Cerebrovascular<br>Disease (437).....                              | 0                   | 0.0    | 11         | 4.2   | 0       | 0.0    | 13      | 22.8  |
| Arteriosclerosis (440).....                                                         | 5                   | 22.2   | 31         | 11.9  | 0       | 0.0    | 7       | 12.3  |
| Other Diseases of Arteries, Arterioles &<br>Capillaries (441-448).....              | 4                   | 17.8   | 17         | 6.5   | 0       | 0.0    | 7       | 12.3  |
| Venous Thrombosis & Embolism (451-453).....                                         | 0                   | 0.0    | 2          | .8    | 0       | 0.0    | 1       | 1.8   |
| Pneumonia (480-486).....                                                            | 9                   | 40.0   | 50         | 19.2  | 0       | 0.0    | 8       | 14.0  |
| Influenza (487).....                                                                | 2                   | 8.9    | 3          | 1.2   | 0       | 0.0    | 0       | 0.0   |
| Bronchitis, Emphysema, Asthma, COPD<br>(490-493, 496).....                          | 13                  | 57.8   | 55         | 21.1  | 1       | 71.4   | 16      | 28.1  |
| Peptic Ulcer (531-533).....                                                         | 0                   | 0.0    | 4          | 1.5   | 0       | 0.0    | 0       | 0.0   |
| Hernia & Intestinal Obst. (550-553.9, 560)...                                       | 0                   | 0.0    | 7          | 2.7   | 0       | 0.0    | 1       | 1.8   |
| Cirrhosis of the Liver (571).....                                                   | 2                   | 8.9    | 18         | 6.9   | 0       | 0.0    | 4       | 7.0   |
| Alcoholic Cirrhosis (571.0-.3).....                                                 | 1                   | 4.4    | 12         | 4.6   | 0       | 0.0    | 2       | 3.5   |
| Diseases of the Gallbladder (574-576).....                                          | 0                   | 0.0    | 3          | 1.2   | 0       | 0.0    | 1       | 1.8   |
| Diseases of the Pancreas (577).....                                                 | 0                   | 0.0    | 3          | 1.2   | 0       | 0.0    | 0       | 0.0   |
| Nephritis & Nephrosis (580-589).....                                                | 1                   | 4.4    | 14         | 5.4   | 0       | 0.0    | 3       | 5.3   |
| Infections of the Kidney (590).....                                                 | 0                   | 0.0    | 2          | .8    | 0       | 0.0    | 0       | 0.0   |
| Diseases of the Male Genital Organs (600-608)                                       | 1                   | 4.4    | 0          | 0.0   | 0       | 0.0    | 0       | 0.0   |
| Diseases of Uterus and Other Female Genital<br>Organs (614-629).....                | 0                   | 0.0    | 0          | 0.0   | 0       | 0.0    | 0       | 0.0   |
| Complications of Pregnancy, Childbirth and<br>the Puerperium (630-676).....         | 0                   | 0.0    | 0          | 0.0   | 0       | 0.0    | 0       | 0.0   |
| Congenital Anomalies (740-759).....                                                 | 1                   | 4.4    | 13         | 5.0   | 1       | 71.4   | 3       | 5.3   |
| Certain Causes of Mortality in Early<br>Infancy (760-779).....                      | 4                   | 17.8   | 7          | 2.7   | 0       | 0.0    | 4       | 7.0   |
| Senility (797).....                                                                 | 0                   | 0.0    | 0          | 0.0   | 0       | 0.0    | 0       | 0.0   |
| Sudden Infant Death Syndrome (798.0).....                                           | 0                   | 0.0    | 7          | 2.7   | 0       | 0.0    | 2       | 3.5   |
| All Other Natural Causes.....                                                       | 17                  | 75.6   | 101        | 38.8  | 0       | 0.0    | 43      | 75.4  |
| Accidents (800-949).....                                                            | 10                  | 44.4   | 90         | 34.6  | 1       | 71.4   | 21      | 36.8  |
| Motor Vehicle (810-825).....                                                        | 6                   | 26.7   | 45         | 17.3  | 0       | 0.0    | 11      | 19.3  |
| Suicide (950-959).....                                                              | 4                   | 17.8   | 28         | 10.8  | 0       | 0.0    | 8       | 14.0  |
| Homicide (960-978).....                                                             | 1                   | 4.4    | 12         | 4.6   | 0       | 0.0    | 3       | 5.3   |
| Injuries Undetermined Whether Accidentally<br>or Purposely Inflicted (980-989)..... | 0                   | 0.0    | 4          | 1.5   | 0       | 0.0    | 0       | 0.0   |

Death rates per 100,000 population

Table 56. DEATHS BY SELECTED CAUSES BY RACE, OREGON RESIDENTS, 1984

| SELECTED CAUSES OF DEATH                                                            | TOTAL  | RACE   |       |        |         |          |                                       |                          |
|-------------------------------------------------------------------------------------|--------|--------|-------|--------|---------|----------|---------------------------------------|--------------------------|
|                                                                                     |        | WHITE  | BLACK | INDIAN | CHINESE | JAPANESE | OTHER ASIAN<br>& PACIFIC<br>ISLANDERS | OTHER<br>& NOT<br>STATED |
| TOTAL DEATHS, ALL CAUSES.....                                                       | 23,101 | 22,568 | 287   | 112    | 40      | 28       | 59                                    | 7                        |
| Tuberculosis, All Forms (101-018).....                                              | 23     | 22     | 0     | 0      | 1       | 0        | 0                                     | 0                        |
| Septicemia (038).....                                                               | 72     | 70     | 2     | 0      | 0       | 0        | 0                                     | 0                        |
| Viral Hepatitis (070).....                                                          | 17     | 17     | 0     | 0      | 0       | 0        | 0                                     | 0                        |
| Other Infective & Parasitic Diseases<br>(Residual 001-139).....                     | 60     | 58     | 1     | 1      | 0       | 0        | 0                                     | 0                        |
| Malignant Neoplasms (140-280).....                                                  | 5,387  | 5,280  | 68    | 13     | 6       | 6        | 13                                    | 1                        |
| Of Buccal Cavity & Pharynx (140-149).....                                           | 92     | 91     | 1     | 0      | 0       | 0        | 0                                     | 0                        |
| Of Digestive Organs & Peritoneum (150-159)                                          | 1,280  | 1,244  | 22    | 6      | 1       | 4        | 3                                     | 0                        |
| Of Resp. & Intrathoracic Organs (160-165)...                                        | 1,637  | 1,604  | 17    | 6      | 3       | 1        | 5                                     | 1                        |
| Of Breast (174-175).....                                                            | 458    | 452    | 6     | 0      | 0       | 0        | 0                                     | 0                        |
| Of Genital Organs (179-187).....                                                    | 616    | 607    | 8     | 0      | 0       | 0        | 1                                     | 0                        |
| Of Urinary Organs (188-189).....                                                    | 219    | 218    | 1     | 0      | 0       | 0        | 0                                     | 0                        |
| Leukemia (204-208).....                                                             | 208    | 203    | 1     | 0      | 0       | 1        | 3                                     | 0                        |
| Benign Neoplasms (210-229).....                                                     | 22     | 22     | 0     | 0      | 0       | 0        | 0                                     | 0                        |
| In Situ, Uncertain Behavior, Unspecified<br>Neoplasms (230-239).....                | 45     | 43     | 1     | 1      | 0       | 0        | 0                                     | 0                        |
| Diabetes Mellitus (250).....                                                        | 343    | 326    | 12    | 3      | 1       | 1        | 0                                     | 0                        |
| Anemias (280-285).....                                                              | 20     | 18     | 1     | 1      | 0       | 0        | 0                                     | 0                        |
| Alcoholic Psychoses, Alcoholism (291, 303)...                                       | 69     | 63     | 1     | 5      | 0       | 0        | 0                                     | 0                        |
| Drug Dependence (304).....                                                          | 1      | 1      | 0     | 0      | 0       | 0        | 0                                     | 0                        |
| Meningitis (302-322).....                                                           | 8      | 7      | 1     | 0      | 0       | 0        | 0                                     | 0                        |
| Parkinson's Disease (332).....                                                      | 99     | 99     | 0     | 0      | 0       | 0        | 0                                     | 0                        |
| Epilepsy (345).....                                                                 | 17     | 17     | 0     | 0      | 0       | 0        | 0                                     | 0                        |
| Major Cardiovascular Diseases (390-448).....                                        | 10,696 | 10,502 | 109   | 32     | 19      | 12       | 18                                    | 4                        |
| Diseases of the Heart (390-398, 402, 404-429).....                                  | 8,022  | 7,865  | 93    | 25     | 14      | 9        | 13                                    | 3                        |
| Rheumatic Fever & Chronic Rheumatic<br>Heart Disease (390-398).....                 | 98     | 98     | 0     | 0      | 0       | 0        | 0                                     | 0                        |
| Hypertensive Heart Disease with/without<br>Renal Disease (402, 404).....            | 224    | 217    | 6     | 1      | 0       | 0        | 0                                     | 0                        |
| Ischemic Heart Disease (410-414).....                                               | 6,009  | 5,901  | 61    | 20     | 8       | 9        | 7                                     | 3                        |
| Myocardial Infarction (410).....                                                    | 2,228  | 2,190  | 18    | 10     | 3       | 3        | 2                                     | 2                        |
| Other Acute & Subacute Ischemic<br>Heart Disease (411).....                         | 16     | 15     | 0     | 0      | 0       | 0        | 0                                     | 1                        |
| Chronic Ischemic Heart<br>Disease (412-414).....                                    | 3,765  | 3,696  | 43    | 10     | 5       | 6        | 5                                     | 0                        |
| All Other Forms (415-429).....                                                      | 1,691  | 1,649  | 26    | 4      | 6       | 0        | 6                                     | 0                        |
| Hypertension (401, 403).....                                                        | 71     | 66     | 1     | 2      | 1       | 0        | 1                                     | 0                        |
| Cerebrovascular Disease (430-438).....                                              | 1,919  | 1,895  | 12    | 3      | 4       | 2        | 2                                     | 1                        |
| Subarachnoid Hemorrhage (430).....                                                  | 66     | 66     | 0     | 0      | 0       | 0        | 0                                     | 0                        |
| Intracerebral & Intracranial Hemorrhage<br>(431-432).....                           | 192    | 185    | 4     | 0      | 2       | 1        | 0                                     | 0                        |
| Cerebral Thrombosis & Embolism (434)...                                             | 307    | 304    | 1     | 0      | 2       | 0        | 0                                     | 0                        |
| Acute but Ill-Defined Cerebrovascular<br>Disease (436).....                         | 1,093  | 1,080  | 6     | 3      | 0       | 1        | 2                                     | 1                        |
| General Ischemic Cerebrovascular<br>Disease (437).....                              | 202    | 201    | 1     | 0      | 0       | 0        | 0                                     | 0                        |
| Arteriosclerosis (440).....                                                         | 431    | 426    | 2     | 2      | 0       | 0        | 1                                     | 0                        |
| Other Diseases of Arteries, Arterioles &<br>Capillaries (441-448).....              | 253    | 250    | 1     | 0      | 0       | 1        | 1                                     | 0                        |
| Venous Thrombosis & Embolism (451-453).....                                         | 20     | 20     | 0     | 0      | 0       | 0        | 0                                     | 0                        |
| Pneumonia (480-486).....                                                            | 679    | 670    | 4     | 2      | 0       | 0        | 2                                     | 1                        |
| Influenza (487).....                                                                | 46     | 46     | 0     | 0      | 0       | 0        | 0                                     | 0                        |
| Bronchitis, Emphysema, Asthma, COPD<br>(490-493, 496).....                          | 957    | 945    | 9     | 2      | 0       | 1        | 0                                     | 0                        |
| Peptic Ulcer (531-533).....                                                         | 66     | 65     | 1     | 0      | 0       | 0        | 0                                     | 0                        |
| Hernia & Intestinal Obst. (550-553.9, 560)...                                       | 52     | 51     | 0     | 1      | 0       | 0        | 0                                     | 0                        |
| Cirrhosis of the Liver (571).....                                                   | 318    | 298    | 7     | 11     | 0       | 0        | 2                                     | 0                        |
| Alcoholic Cirrhosis (571.0-3).....                                                  | 262    | 245    | 6     | 11     | 0       | 0        | 0                                     | 0                        |
| Diseases of the Gallbladder (574-576).....                                          | 40     | 39     | 1     | 0      | 0       | 0        | 0                                     | 0                        |
| Diseases of the Pancreas (577).....                                                 | 16     | 16     | 0     | 0      | 0       | 0        | 0                                     | 0                        |
| Nephritis & Nephrosis (580-589).....                                                | 174    | 165    | 2     | 1      | 4       | 2        | 0                                     | 0                        |
| Infections of the Kidney (590).....                                                 | 25     | 24     | 0     | 0      | 0       | 1        | 0                                     | 0                        |
| Diseases of the Male Genital Organs (600-608)                                       | 6      | 6      | 0     | 0      | 0       | 0        | 0                                     | 0                        |
| Diseases of Uterus and Other Female Genital<br>Organs (614-629).....                | 4      | 4      | 0     | 0      | 0       | 0        | 0                                     | 0                        |
| Complications of Pregnancy, Childbirth and<br>the Puerperium (630-676).....         | 5      | 3      | 1     | 0      | 0       | 0        | 1                                     | 0                        |
| Congenital Anomalies (740-759).....                                                 | 152    | 148    | 2     | 1      | 0       | 0        | 1                                     | 0                        |
| Certain Causes of Mortality in Early<br>Infancy (760-779).....                      | 136    | 126    | 6     | 2      | 0       | 0        | 2                                     | 0                        |
| Senility (797).....                                                                 | 5      | 4      | 0     | 0      | 0       | 0        | 1                                     | 0                        |
| Sudden Infant Death Syndrome (798.0).....                                           | 109    | 100    | 3     | 2      | 1       | 0        | 3                                     | 0                        |
| All Other Natural Causes.....                                                       | 1,608  | 1,565  | 19    | 10     | 4       | 4        | 6                                     | 0                        |
| Accidents (800-949).....                                                            | 1,185  | 1,146  | 14    | 4      | 4       | 0        | 6                                     | 1                        |
| Motor Vehicle (810-825).....                                                        | 607    | 591    | 3     | 4      | 4       | 0        | 4                                     | 1                        |
| Suicide (950-959).....                                                              | 423    | 407    | 7     | 4      | 0       | 1        | 4                                     | 0                        |
| Homicide (960-978).....                                                             | 135    | 118    | 12    | 5      | 0       | 0        | 0                                     | 0                        |
| Injuries Undetermined Whether Accidentally<br>or Purposely Inflicted (980-989)..... | 61     | 57     | 3     | 1      | 0       | 0        | 0                                     | 0                        |

# MARRIAGE & DIVORCE



## MARRIAGES AND DIVORCES

### MARRIAGES AND DIVORCES DECLINE

During the last quarter century the annual marriage rate increased steadily from 1961 to 1972, and after reaching a plateau, a slight decrease occurred in 1975 and 1976 (Figure 15). From 1977 to the present the marriage rate has fluctuated yearly. In 1984, 23,074 marriages occurred in Oregon, a decrease of 4.6 percent from the recorded high point of 24,186 in 1982. The rate of 8.7 marriages to 1,000 population is also down slightly from the 1983 rate of 8.9.

Divorces, with 15,631 reported in 1984, declined slightly from the 1983 figures. The rate of divorces has shown a slight decline since 1976, with 1984 being the lowest rate of divorce since 1973.

The Oregon rates for marriage and divorce parallel the U.S. changes. However, the Oregon divorce rate started decreasing at a slightly earlier date.

Oregon's marriage rates are consistently lower than the U.S., while our divorce rates are consistently higher. Figure 16 plots the ratio of Oregon marriages and divorces to the U.S. over the last decade. This figure graphically shows the Oregon divorce/marriage ratio decreasing faster and approaching the U.S. average. Oregon's higher ratio could be affected by Oregon residents marrying outside the state.

### OCCURRENCE FIGURES YIELD LOW MARRIAGE RATE

Although the marriage and divorce rates are more useful than the absolute number of events, the calculation of rates is considerably more complicated than for the other areas of vital statistics. First, unlike birth and death events, the states do not exchange certificates of residents. Having only figures of events occurring in Oregon rather than resident figures is a serious problem because there may be several advantages for marrying out of the state of Oregon, but few advantages for divorcing in another state. Oregon has traditionally had stricter requirements (financial and medical) than neighboring states, so many marriages which would normally occur here are counted in Washington, California, Idaho and Nevada. Oregon's marriage rate was the lowest rate in the 13 states making up the Mountain and Pacific regions in 1982, the most recent year for which U.S. data is available.

FIGURE 15. OREGON MARRIAGE AND DIVORCE RATES  
1960 -1984 (Rates per 1,000 population)

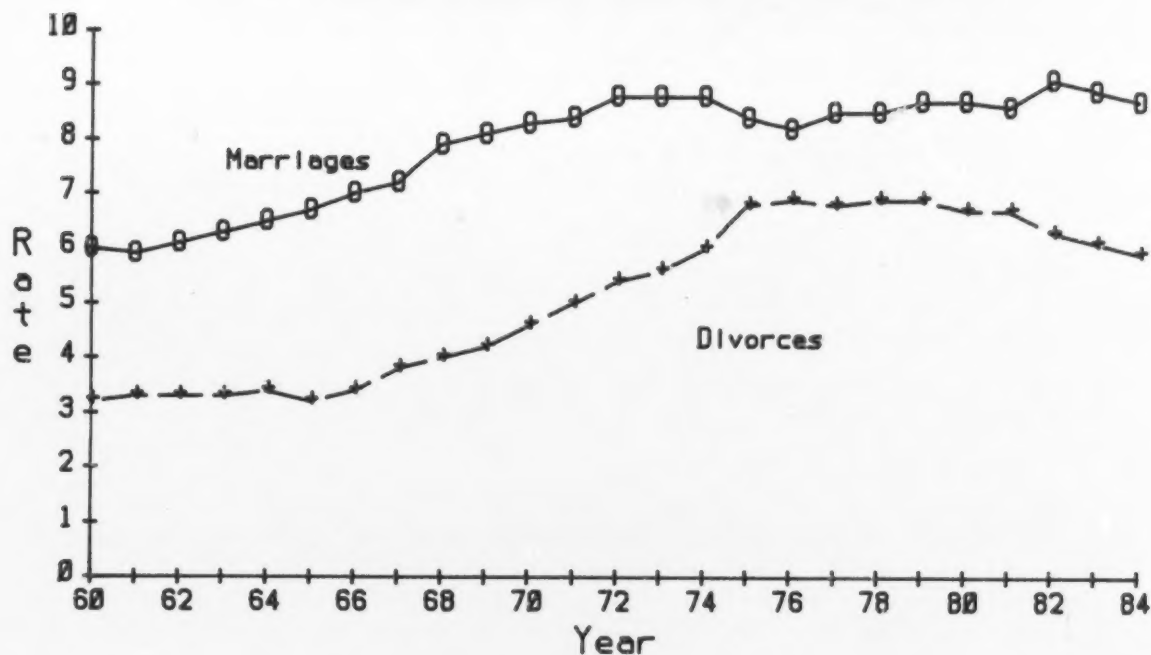


FIGURE 16. DIVORCE TO MARRIAGE RATIO, 1975 to 1984  
Oregon versus U.S.

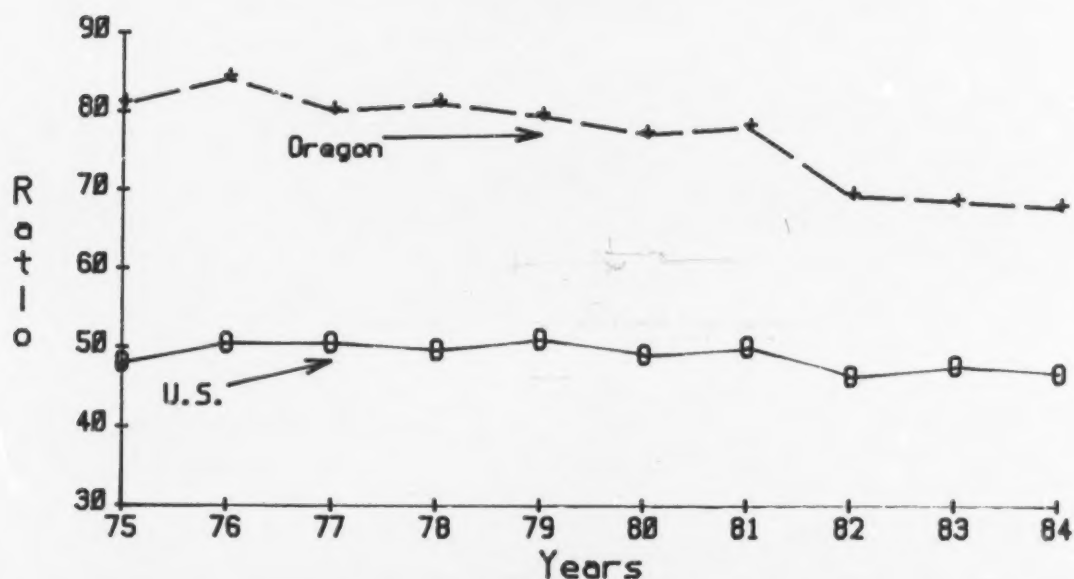
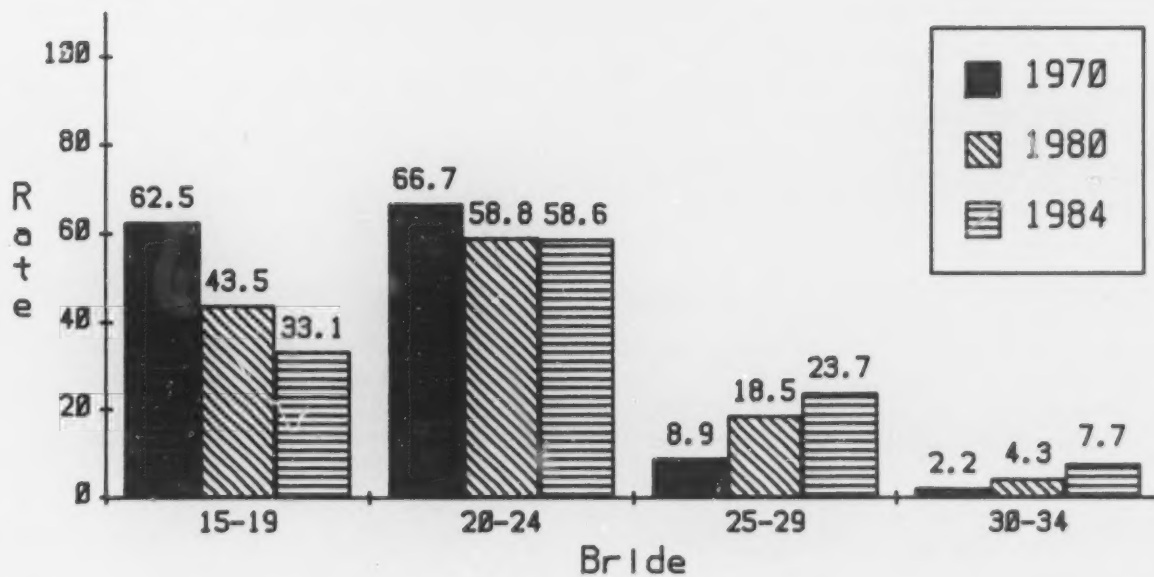
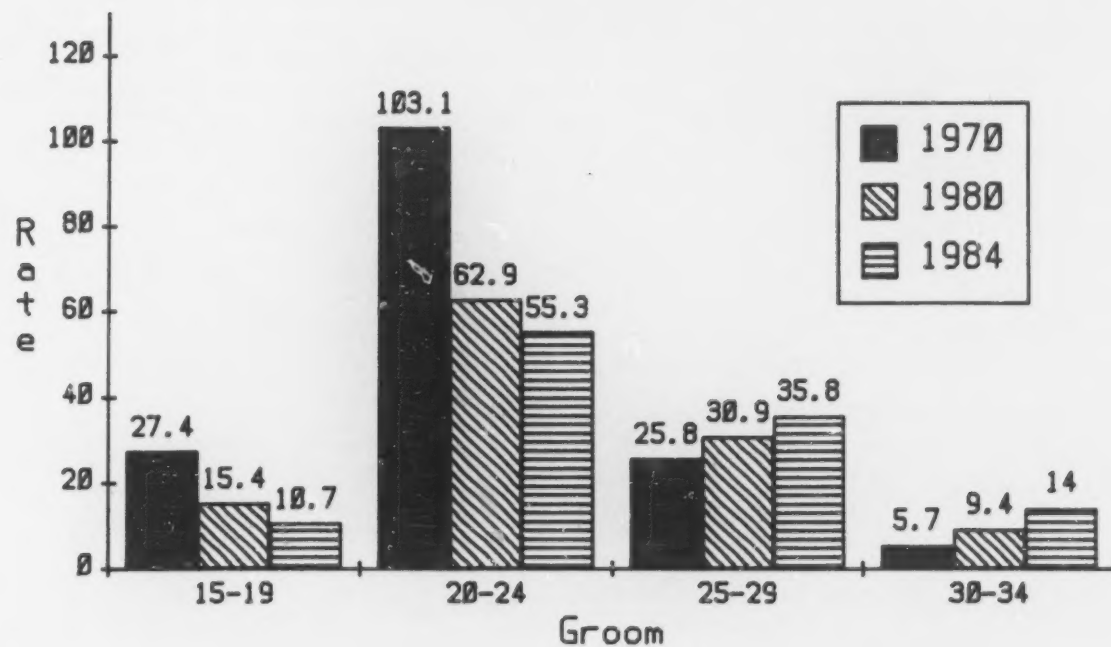


FIGURE 17. FIRST MARRIAGE RATES FOR BRIDES AND GROOMS  
Selected Age Groups 1970, 1980 & 1984



**RATES BY AGE FOR  
FIRST MARRIAGES  
CHANGING**

A second factor which makes marriage rates complicated is that the true denominator for the people "at risk" (the number of unmarried people in the population) is available only in census years, and the total population can be a misleading substitute. Figure 17 refers only to first marriages within certain age/sex groups, and shows the changes which have occurred over the past fifteen years. For both males and females the first-marriage rate has declined for teenagers while the rates for those 25 and over have increased. Males in their early twenties are marrying at a considerably lower rate than in 1970, but females have shown only minor changes.

The lower rates for 15 to 24 year olds and the higher rates for the 25 to 34 year olds suggest that people are delaying marriage. This delay combined with an older population has increased the median age at first marriage from 23.6 in 1979 to 24.6 in 1984 for grooms and from 21.7 to 22.8 for brides.

**DURATION OF  
MARRIAGE BEFORE  
DIVORCE**

A slight change is noticeable in the duration of the marriages which were terminated in 1984. Ten years earlier, 45.1 percent of divorces were to people who had been married for less than five years. By 1984 the proportion of divorces where the couple had been married for less than 5 years had decreased to 38.6 percent.

In 1979 the median duration of marriage prior to the dissolution was 6.1 years. Five years later, in 1984, the figure had increased to 6.6, and the increased duration for first divorces was greater than for subsequent divorces. In 1979 the duration was 7.1 for first time wives and 7.2 for first time husbands. In 1984 the median duration was 7.9 for wives and 7.8 for husbands (Figure 18).

**FIGURE 18. MEDIAN DURATION OF MARRIAGE BEFORE DIVORCE  
OREGON 1979 and 1984**

| Median<br>Duration of<br>Marriage |      | Order of Marriage |     |     |     |                |
|-----------------------------------|------|-------------------|-----|-----|-----|----------------|
|                                   |      | TOTAL             | 1st | 2nd | 3rd | 4th or<br>more |
| Wife                              | 1984 | 6.6               | 7.9 | 5.5 | 4.2 | 3.3            |
| Wife                              | 1979 | 6.1               | 7.1 | 5.1 | 3.5 | 2.5            |
| Husband                           | 1984 | 6.6               | 7.8 | 5.5 | 4.2 | 3.9            |
| Husband                           | 1979 | 6.1               | 7.2 | 4.9 | 3.7 | 2.9            |



**CHILDREN AFFECTED  
BY DIVORCE**

The decline in the fertility rate has resulted in fewer children under the age of 18 being affected by divorce. Until 1975 the number of decrees was exceeded by the number of affected children, but both figures increased at a steady rate. After 1975, however, decrees continued to increase, but the number of children remained the same or declined. In 1984, 13,018 minor children were affected by a divorce.

**FIGURE 19. 1984 OREGON DIVORCES AND ANNULMENTS  
Involving Children Under 18 Years**

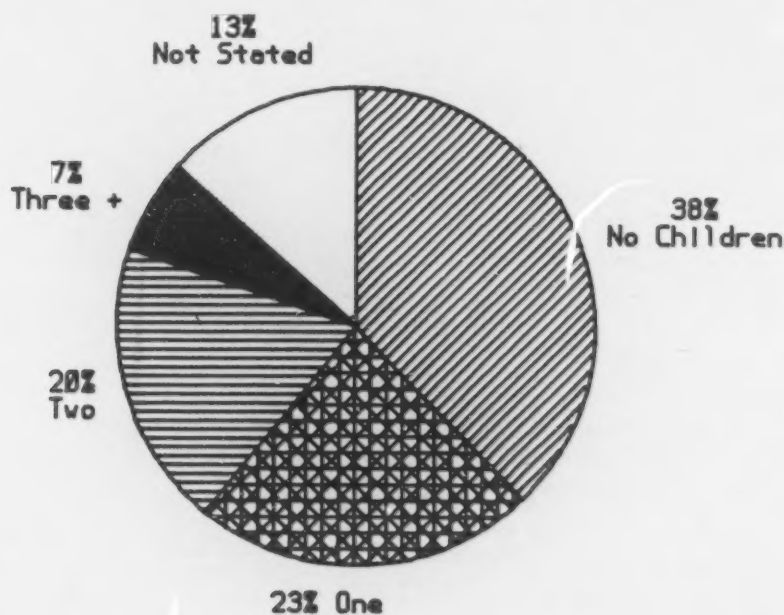


TABLE 57. DISSOLUTION OF MARRIAGES AND ANNULMENTS BY NUMBER OF MINOR CHILDREN (UNDER 18 YEARS) AFFECTED, OREGON, 1984

| NUMBER OF CHILDREN REPORTED<br>OF THIS MARRIAGE ONLY | DISSOLUTIONS OF MARRIAGE<br>AND ANNULMENTS |         |
|------------------------------------------------------|--------------------------------------------|---------|
|                                                      | Number                                     | Percent |
| TOTAL                                                | 15,631                                     | 100.0   |
| 0 None                                               | 5,913                                      | 37.8    |
| 1 Child                                              | 3,631                                      | 23.2    |
| 2 Children                                           | 3,042                                      | 19.5    |
| 3 Children                                           | 789                                        | 5.1     |
| 4 Children                                           | 164                                        | 1.5     |
| 5 Children                                           | 33                                         | 0.2     |
| 6 Children                                           | 8                                          | 0.1     |
| 7 or More Children                                   | 9                                          | 0.1     |
| Not Reported                                         | 2,042                                      | 13.1    |
| Total Number of Reported<br>Minor Children Affected  | 13,018                                     |         |

TABLE 58. MARRIAGES AND DISSOLUTION OF MARRIAGES (INCLUDING ANNULMENTS) BY MONTH OF OCCURRENCE, OREGON, 1984

| MONTH OF OCCURRENCE | MARRIAGES |      | DISSOLUTION OF MARRIAGES AND ANNULMENTS |      |
|---------------------|-----------|------|-----------------------------------------|------|
|                     | NUMBER    | RATE | NUMBER                                  | RATE |
| TOTAL               | 23,074    | 8.7  | 15,631                                  | 5.9  |
| January             | 1,064     | 4.8  | 1,376                                   | 6.2  |
| February            | 1,384     | 6.2  | 1,208                                   | 5.4  |
| March               | 1,668     | 7.5  | 1,411                                   | 6.4  |
| April               | 1,499     | 6.8  | 1,242                                   | 5.6  |
| May                 | 1,843     | 8.3  | 1,447                                   | 6.5  |
| June                | 2,910     | 13.1 | 1,377                                   | 6.2  |
| July                | 2,210     | 10.0 | 1,392                                   | 6.3  |
| August              | 2,837     | 12.8 | 1,379                                   | 6.2  |
| September           | 2,579     | 11.6 | 1,175                                   | 5.3  |
| October             | 1,558     | 7.0  | 1,395                                   | 6.3  |
| November            | 1,522     | 6.9  | 1,293                                   | 5.8  |
| December            | 2,000     | 9.0  | 936                                     | 4.2  |

Rates per 1,000 population. Monthly rates are annual projections based on that month's occurrence.

Note: Beginning in 1984, the "date decree becomes effective" was used instead of "marriage was dissolved on..."; therefore, the number of divorces recorded is about 400 less for 1984.

TABLE 59. MARRIAGES BY AGE GROUPS AND PREVIOUS MARITAL STATUS OF GROOM,  
OREGON, 1984

| AGE OF<br>GROOM | ALL<br>MARRIAGES | FIRST<br>MARRIAGE<br>FOR GROOM | REMARRIAGE FOR GROOM |          |         | PREVIOUS<br>STATUS<br>UNKNOWN |
|-----------------|------------------|--------------------------------|----------------------|----------|---------|-------------------------------|
|                 |                  |                                | TOTAL                | DIVORCED | WIDOWED |                               |
| ALL AGES        | 23,074           | 13,830                         | 9,165                | 8,380    | 785     | 79                            |
| 15-19           | 1,129            | 1,113                          | 2                    | 2        | -       | 14                            |
| 20-24           | 6,668            | 6,274                          | 367                  | 366      | 1       | 27                            |
| 25-29           | 5,455            | 4,020                          | 1,417                | 1,406    | 11      | 18                            |
| 30-34           | 3,695            | 1,695                          | 1,991                | 1,967    | 24      | 9                             |
| 35-39           | 2,279            | 460                            | 1,813                | 1,786    | 27      | 6                             |
| 40-44           | 1,315            | 123                            | 1,191                | 1,157    | 34      | 1                             |
| 45-49           | 771              | 45                             | 726                  | 701      | 25      | -                             |
| 50-54           | 474              | 15                             | 459                  | 394      | 65      | -                             |
| 55-59           | 362              | 18                             | 343                  | 264      | 79      | 1                             |
| 60-64           | 270              | 7                              | 262                  | 154      | 108     | 1                             |
| 65-69           | 214              | 6                              | 208                  | 76       | 132     | -                             |
| 70-74           | 161              | 5                              | 155                  | 31       | 124     | 1                             |
| 75+             | 156              | 3                              | 152                  | 22       | 130     | 1                             |
| Not Stated      | 125              | 46                             | 79                   | 54       | 25      | -                             |
| Median Age      | 28.4             | 24.6                           | 37.2                 | 36.3     | 65.7    | 24.8                          |



TABLE 60. MARRIAGES BY AGE GROUPS AND PREVIOUS MARITAL STATUS OF BRIDE,  
OREGON, 1984

| AGE OF<br>BRIDE | ALL<br>MARRIAGES | FIRST<br>MARRIAGE<br>FOR BRIDE | REMARRIAGE FOR BRIDE |          |         | PREVIOUS<br>STATUS<br>UNKNOWN |
|-----------------|------------------|--------------------------------|----------------------|----------|---------|-------------------------------|
|                 |                  |                                | TOTAL                | DIVORCED | WIDOWED |                               |
| ALL AGES        | 23,074           | 13,828                         | 9,172                | 8,297    | 875     | 74                            |
| 15-19           | 3,360            | 3,301                          | 42                   | 39       | 3       | 17                            |
| 20-24           | 7,416            | 6,530                          | 855                  | 842      | 13      | 31                            |
| 25-29           | 4,759            | 2,733                          | 2,014                | 1,967    | 47      | 12                            |
| 30-34           | 3,087            | 929                            | 2,152                | 2,094    | 58      | 6                             |
| 35-39           | 1,835            | 219                            | 1,614                | 1,558    | 56      | 2                             |
| 40-44           | 934              | 47                             | 887                  | 830      | 57      | -                             |
| 45-49           | 502              | 12                             | 490                  | 431      | 59      | -                             |
| 50-54           | 327              | 3                              | 324                  | 238      | 86      | -                             |
| 55-59           | 200              | 7                              | 191                  | 106      | 85      | 2                             |
| 60-64           | 181              | 3                              | 177                  | 62       | 115     | 1                             |
| 65-69           | 148              | 1                              | 147                  | 38       | 109     | -                             |
| 70-74           | 111              | 2                              | 107                  | 19       | 88      | 2                             |
| 75+             | 80               | -                              | 79                   | 7        | 72      | 1                             |
| Not Stated      | 134              | 41                             | 93                   | 66       | 27      | -                             |
| Median Age      | 25.8             | 22.8                           | 33.9                 | 33.1     | 58.5    | 23.2                          |

TABLE 61. ALL MARRIAGES AND FIRST MARRIAGES FOR BOTH BRIDE AND GROOM BY AGE GROUPS, OREGON, 1984

| ALL MARRIAGES |        |              |       |       |       |       |       |       |       |       |       |       |       |     |
|---------------|--------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| AGE OF GROOM  | TOTAL  | AGE OF BRIDE |       |       |       |       |       |       |       |       |       |       |       |     |
|               |        | 15-19        | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75+ |
| TOTAL         | 23,074 | 3,360        | 7,416 | 4,759 | 3,087 | 1,835 | 934   | 502   | 327   | 200   | 181   | 148   | 111   | 80  |
| 15-19         | 1,129  | 863          | 231   | 20    | 6     | 5     | 1     | -     | -     | -     | -     | -     | -     | -   |
| 20-24         | 6,668  | 2,039        | 3,888 | 589   | 110   | 27    | 8     | 1     | -     | 1     | -     | -     | -     | -   |
| 25-29         | 5,455  | 347          | 2,295 | 1,964 | 609   | 190   | 30    | 12    | -     | -     | -     | -     | 1     | -   |
| 30-34         | 3,695  | 75           | 708   | 1,316 | 1,104 | 371   | 90    | 22    | 5     | 2     | -     | -     | 1     | -   |
| 35-39         | 2,279  | 30           | 213   | 571   | 723   | 556   | 140   | 39    | 3     | 1     | -     | -     | -     | -   |
| 40-44         | 1,315  | 3            | 58    | 210   | 337   | 371   | 234   | 77    | 18    | 4     | 1     | -     | -     | -   |
| 45-49         | 771    | 1            | 10    | 52    | 118   | 189   | 207   | 129   | 48    | 12    | -     | -     | -     | -   |
| 50-54         | 474    | -            | 6     | 20    | 46    | 74    | 122   | 103   | 76    | 14    | 10    | 1     | -     | 2   |
| 55-59         | 362    | -            | 2     | 7     | 18    | 38    | 69    | 63    | 86    | 52    | 21    | 1     | 3     | 1   |
| 60-64         | 270    | -            | 1     | 1     | 9     | 10    | 21    | 36    | 57    | 63    | 44    | 22    | 3     | 1   |
| 65-69         | 214    | -            | -     | -     | 3     | 3     | 4     | 10    | 26    | 32    | 60    | 44    | 24    | 8   |
| 70-74         | 161    | -            | -     | -     | 2     | -     | 3     | 4     | 5     | 13    | 34    | 45    | 40    | 14  |
| 75+           | 156    | -            | -     | -     | -     | -     | 3     | 6     | 3     | 6     | 11    | 34    | 39    | 54  |
| Not Stated    | 125    | 2            | 4     | 9     | 2     | 1     | 2     | -     | 1     | -     | -     | 1     | -     | -   |

| FIRST MARRIAGE FOR BRIDE & GROOM |        |              |       |       |       |       |       |       |       |       |       |       |       |     |
|----------------------------------|--------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| AGE OF GROOM                     | TOTAL  | AGE OF BRIDE |       |       |       |       |       |       |       |       |       |       |       |     |
|                                  |        | 15-19        | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75+ |
| TOTAL                            | 11,134 | 3,071        | 5,504 | 1,878 | 518   | 103   | 16    | 6     | -     | 2     | -     | -     | -     | -   |
| 15-19                            | 1,068  | 845          | 210   | 10    | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
| 20-24                            | 5,646  | 1,929        | 3,401 | 289   | 20    | 3     | -     | -     | -     | -     | -     | -     | -     | -   |
| 25-29                            | 3,060  | 264          | 1,575 | 1,026 | 164   | 23    | 2     | 1     | -     | -     | -     | -     | -     | -   |
| 30-34                            | 1,028  | 25           | 258   | 451   | 256   | 34    | 4     | -     | -     | -     | -     | -     | -     | -   |
| 35-39                            | 228    | 6            | 47    | 82    | 60    | 28    | 2     | 2     | -     | -     | -     | -     | -     | -   |
| 40-44                            | 47     | -            | 5     | 17    | 11    | 12    | 1     | 1     | -     | -     | -     | -     | -     | -   |
| 45-49                            | 13     | -            | 3     | -     | 5     | 3     | 2     | -     | -     | -     | -     | -     | -     | -   |
| 50-54                            | 4      | -            | -     | 1     | 1     | -     | 2     | -     | -     | -     | -     | -     | -     | -   |
| 55-59                            | 7      | -            | 1     | 1     | -     | -     | 3     | 1     | -     | 1     | -     | -     | -     | -   |
| 60-64                            | -      | -            | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
| 65-69                            | 3      | -            | -     | -     | 1     | -     | -     | 1     | -     | 1     | -     | -     | -     | -   |
| 70-74                            | -      | -            | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
| 75+                              | -      | -            | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |
| Not Stated                       | 30     | 2            | 4     | 1     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -   |

TABLE 62. MARRIAGES BY COUNTY OF OCCURRENCE BY AGE GROUPS OF BRIDE, OREGON, 1984

| COUNTY OF<br>OCCURRENCE | ALL<br>AGES | AGE OF BRIDE |       |       |       |       |       |       |       |       |       |     | N.S. |
|-------------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|------|
|                         |             | 15-19        | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65+ |      |
| TOTAL                   | 23,074      | 3,360        | 7,416 | 4,759 | 3,087 | 1,835 | 934   | 502   | 327   | 200   | 181   | 339 | 134  |
| Baker                   | 128         | 24           | 42    | 23    | 16    | 7     | 3     | 5     | 2     | 1     | 1     | 4   | -    |
| Benton                  | 524         | 51           | 167   | 149   | 64    | 40    | 21    | 6     | 3     | 4     | 3     | 12  | 4    |
| Clackamas               | 1,939       | 255          | 690   | 370   | 245   | 160   | 93    | 38    | 32    | 11    | 17    | 26  | 2    |
| Clatsop                 | 320         | 38           | 101   | 78    | 43    | 23    | 15    | 3     | 9     | 2     | 5     | 2   | 1    |
| Columbia                | 275         | 59           | 86    | 49    | 31    | 18    | 14    | 6     | 2     | 2     | 1     | 7   | -    |
| Coos                    | 572         | 113          | 163   | 103   | 74    | 40    | 31    | 17    | 13    | 5     | 4     | 9   | -    |
| Crook                   | 144         | 40           | 41    | 18    | 12    | 13    | 7     | 5     | 2     | 1     | -     | 5   | -    |
| Curry                   | 171         | 31           | 39    | 32    | 30    | 12    | 9     | 3     | 3     | 1     | 6     | 5   | -    |
| Deschutes               | 583         | 95           | 154   | 132   | 95    | 53    | 21    | 14    | 6     | 5     | 1     | 6   | 1    |
| Douglas                 | 948         | 199          | 286   | 173   | 100   | 83    | 36    | 20    | 15    | 10    | 11    | 14  | 1    |
| Gilliam                 | 16          | -            | 7     | 6     | 1     | -     | 1     | -     | -     | -     | 1     | -   | -    |
| Grant                   | 74          | 7            | 24    | 20    | 9     | 5     | 3     | 1     | 1     | 1     | 1     | 2   | -    |
| Harney                  | 62          | 12           | 23    | 14    | 4     | 3     | -     | 1     | 1     | 1     | -     | 3   | -    |
| Hood River              | 202         | 40           | 49    | 47    | 38    | 16    | 3     | 5     | -     | 2     | 1     | -   | 1    |
| Jackson                 | 1,297       | 228          | 391   | 234   | 171   | 114   | 57    | 28    | 23    | 15    | 15    | 20  | 1    |
| Jefferson               | 126         | 26           | 43    | 17    | 21    | 7     | 5     | 3     | 2     | 1     | -     | -   | 1    |
| Josephine               | 549         | 113          | 164   | 84    | 78    | 41    | 24    | 14    | 9     | 3     | 8     | 11  | -    |
| Klamath                 | 459         | 100          | 147   | 72    | 50    | 31    | 22    | 9     | 9     | 5     | 6     | 7   | 1    |
| Lake                    | 61          | 16           | 16    | 10    | 6     | 4     | 1     | 3     | 3     | 1     | -     | 1   | -    |
| Lane                    | 2,354       | 345          | 755   | 448   | 337   | 199   | 96    | 60    | 37    | 20    | 19    | 30  | 8    |
| Lincoln                 | 414         | 47           | 101   | 76    | 61    | 53    | 28    | 14    | 13    | 5     | 5     | 11  | -    |
| Linn                    | 794         | 155          | 281   | 132   | 88    | 38    | 18    | 20    | 8     | 1     | 4     | 9   | 40   |
| Malheur                 | 199         | 51           | 72    | 27    | 18    | 8     | 8     | 9     | -     | -     | 2     | 3   | 1    |
| Marion                  | 1,995       | 320          | 697   | 366   | 236   | 152   | 76    | 47    | 26    | 22    | 8     | 39  | 6    |
| Morrow                  | 63          | 19           | 17    | 13    | 5     | 4     | -     | 2     | 1     | 1     | -     | 1   | -    |
| Multnomah               | 5,117       | 414          | 1,624 | 1,331 | 802   | 432   | 207   | 95    | 55    | 34    | 33    | 61  | 9    |
| Polk                    | 279         | 45           | 77    | 61    | 34    | 22    | 12    | 5     | 7     | 4     | 1     | 10  | 1    |
| Sherman                 | 9           | 1            | 1     | -     | 1     | 3     | -     | 2     | 1     | -     | -     | -   | -    |
| Tillamook               | 210         | 41           | 51    | 36    | 22    | 20    | 14    | 4     | 7     | 4     | 4     | 7   | -    |
| Umatilla                | 498         | 101          | 179   | 87    | 47    | 37    | 13    | 7     | 6     | 2     | 3     | 4   | 12   |
| Union                   | 208         | 44           | 66    | 45    | 22    | 14    | 5     | 4     | 2     | -     | 2     | 1   | 3    |
| Wallowa                 | 69          | 7            | 12    | 3     | 7     | 2     | 3     | 1     | -     | -     | -     | -   | 34   |
| Wasco                   | 193         | 26           | 70    | 39    | 26    | 15    | 9     | 1     | 3     | 1     | 1     | 2   | -    |
| Washington              | 1,760       | 209          | 618   | 389   | 234   | 139   | 65    | 36    | 19    | 12    | 13    | 19  | 7    |
| Wheeler                 | 5           | 2            | 2     | 1     | -     | -     | -     | -     | -     | -     | -     | -   | -    |
| Yamhill                 | 457         | 86           | 160   | 74    | 59    | 27    | 14    | 14    | 7     | 3     | 5     | 8   | -    |

TABLE 63. MARRIAGES BY COUNTY OF OCCURRENCE BY AGE GROUPS OF GROOM, OREGON, 1984

| COUNTY OF<br>OCCURRENCE | ALL<br>AGES | AGE OF GROOM |       |       |       |       |       |       |       |       |       |     | N.S. |
|-------------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|------|
|                         |             | 15-19        | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65+ |      |
| TOTAL                   | 23,074      | 1,129        | 6,668 | 5,455 | 3,695 | 2,279 | 1,315 | 771   | 474   | 362   | 270   | 531 | 125  |
| Baker                   | 128         | 7            | 44    | 29    | 13    | 10    | 8     | 6     | 2     | 3     | 2     | 4   | -    |
| Benton                  | 524         | 18           | 136   | 147   | 95    | 51    | 27    | 19    | 7     | 3     | 1     | 15  | 5    |
| Clackamas               | 1,939       | 94           | 559   | 444   | 307   | 190   | 120   | 69    | 51    | 44    | 15    | 43  | 3    |
| Clatsop                 | 320         | 12           | 92    | 83    | 42    | 37    | 18    | 11    | 6     | 6     | 3     | 10  | -    |
| Columbia                | 275         | 21           | 91    | 61    | 29    | 27    | 15    | 6     | 8     | 7     | 2     | 8   | -    |
| Coos                    | 572         | 39           | 177   | 107   | 94    | 49    | 37    | 21    | 15    | 9     | 7     | 17  | -    |
| Crook                   | 144         | 8            | 52    | 27    | 24    | 12    | 5     | 4     | 2     | 3     | 2     | 4   | 1    |
| Curry                   | 171         | 9            | 42    | 36    | 26    | 19    | 10    | 7     | 6     | 1     | 3     | 12  | -    |
| Deschutes               | 583         | 35           | 146   | 133   | 113   | 61    | 35    | 21    | 13    | 7     | 12    | 6   | 1    |
| Douglas                 | 948         | 79           | 293   | 182   | 131   | 99    | 56    | 32    | 19    | 19    | 12    | 26  | -    |
| Gilliam                 | 16          | -            | 3     | 7     | 4     | 1     | -     | -     | -     | -     | -     | 1   | -    |
| Grant                   | 74          | 1            | 19    | 16    | 15    | 7     | 6     | 3     | 2     | 1     | -     | 4   | -    |
| Harney                  | 62          | 4            | 23    | 14    | 8     | 4     | 4     | 1     | 1     | -     | -     | 3   | -    |
| Hood River              | 202         | 10           | 54    | 52    | 38    | 26    | 10    | 5     | 2     | 1     | 2     | 2   | -    |
| Jackson                 | 1,297       | 93           | 375   | 280   | 179   | 131   | 75    | 51    | 25    | 28    | 26    | 33  | 1    |
| Jefferson               | 126         | 6            | 36    | 27    | 28    | 12    | 5     | 4     | 4     | 2     | -     | 1   | 1    |
| Josephine               | 549         | 53           | 151   | 110   | 86    | 55    | 27    | 16    | 15    | 9     | 6     | 21  | -    |
| Klamath                 | 459         | 34           | 164   | 83    | 57    | 39    | 29    | 15    | 14    | 6     | 6     | 11  | 1    |
| Lake                    | 61          | -            | 25    | 14    | 11    | 2     | 3     | 2     | 2     | 1     | -     | 1   | -    |
| Lane                    | 2,354       | 107          | 704   | 538   | 390   | 237   | 132   | 80    | 48    | 41    | 18    | 53  | 6    |
| Lincoln                 | 414         | 18           | 86    | 84    | 64    | 53    | 37    | 14    | 13    | 19    | 10    | 16  | -    |
| Linn                    | 794         | 46           | 261   | 188   | 107   | 53    | 46    | 20    | 10    | 3     | 9     | 10  | 41   |
| Malheur                 | 199         | 20           | 71    | 43    | 23    | 13    | 11    | 5     | 3     | 2     | 2     | 5   | 1    |
| Marion                  | 1,995       | 115          | 635   | 474   | 275   | 176   | 102   | 62    | 38    | 36    | 25    | 50  | 7    |
| Morrow                  | 63          | 3            | 26    | 13    | 4     | 4     | 7     | -     | 3     | -     | 1     | 2   | -    |
| Multnomah               | 5,117       | 119          | 1,258 | 1,406 | 962   | 569   | 302   | 179   | 92    | 65    | 59    | 96  | 10   |
| Polk                    | 279         | 16           | 78    | 59    | 50    | 26    | 16    | 6     | 6     | 4     | 3     | 15  | -    |
| Sherman                 | 9           | -            | 2     | -     | -     | 1     | 2     | 1     | 1     | 2     | -     | -   | -    |
| Tillamook               | 210         | 5            | 57    | 46    | 38    | 20    | 8     | 6     | 5     | 5     | 10    | 10  | -    |
| Umatilla                | 498         | 24           | 186   | 104   | 73    | 35    | 23    | 17    | 13    | 3     | 3     | 6   | 11   |
| Union                   | 208         | 16           | 68    | 40    | 31    | 26    | 11    | 6     | 5     | -     | 1     | 3   | 1    |
| Wallowa                 | 69          | 4            | 7     | 7     | 10    | 5     | 1     | 2     | 1     | -     | -     | -   | 32   |
| Wasco                   | 193         | 13           | 62    | 33    | 37    | 21    | 12    | 5     | 3     | 3     | 1     | 3   | -    |
| Washington              | 1,760       | 63           | 539   | 451   | 263   | 183   | 97    | 63    | 30    | 18    | 19    | 31  | 3    |
| Wheeler                 | 5           | 1            | 3     | 1     | -     | -     | -     | -     | -     | -     | -     | -   | -    |
| Yamhill                 | 457         | 36           | 143   | 116   | 68    | 25    | 18    | 12    | 9     | 11    | 10    | 9   | -    |

TABLE 64. DISSOLUTION OF MARRIAGES AND ANNULMENTS BY AGE OF HUSBAND AND WIFE AND DURATION OF MARRIAGE, OREGON, 1984

| AGE AT<br>DIVORCE | TOTAL  | DURATION OF MARRIAGE |                |                |                  |               |               |
|-------------------|--------|----------------------|----------------|----------------|------------------|---------------|---------------|
|                   |        | Under 1<br>Year      | 1 - 4<br>Years | 5 - 9<br>Years | 10 - 19<br>Years | 20 +<br>Years | Not<br>Stated |
| HUSBAND           |        |                      |                |                |                  |               |               |
| TOTAL             | 15,631 | 593                  | 5,448          | 4,288          | 3,635            | 1,614         | 123           |
| 15 - 19           | 67     | 12                   | 55             | -              | -                | -             | -             |
| 20 - 24           | 1,488  | 99                   | 1,208          | 166            | -                | -             | 15            |
| 25 - 29           | 2,973  | 96                   | 1,433          | 1,307          | 114              | -             | 23            |
| 30 - 34           | 3,288  | 84                   | 982            | 1,228          | 969              | -             | 25            |
| 35 - 39           | 2,707  | 69                   | 625            | 652            | 1,286            | 53            | 22            |
| 40 - 44           | 1,873  | 58                   | 435            | 349            | 622              | 402           | 7             |
| 45 - 49           | 1,132  | 45                   | 248            | 199            | 250              | 383           | 7             |
| 50 - 54           | 705    | 40                   | 124            | 127            | 126              | 285           | 3             |
| 55 - 59           | 484    | 20                   | 93             | 94             | 93               | 179           | 7             |
| 60 - 64           | 313    | 24                   | 82             | 37             | 63               | 127           | 3             |
| 65+               | 371    | 34                   | 88             | 60             | 64               | 164           | 5             |
| Not Stated        | 230    | 12                   | 75             | 69             | 48               | 21            | 6             |
| WIFE              |        |                      |                |                |                  |               |               |
| TOTAL             | 15,631 | 593                  | 5,448          | 4,288          | 3,635            | 1,614         | 123           |
| 15 - 19           | 347    | 49                   | 292            | -              | -                | -             | 6             |
| 20 - 24           | 2,552  | 117                  | 1,827          | 589            | 4                | -             | 15            |
| 25 - 29           | 3,351  | 109                  | 1,222          | 1,629          | 357              | -             | 34            |
| 30 - 34           | 3,102  | 90                   | 763            | 959            | 1,266            | -             | 24            |
| 35 - 39           | 2,509  | 70                   | 552            | 513            | 1,188            | 174           | 12            |
| 40 - 44           | 1,486  | 56                   | 297            | 224            | 392              | 511           | 6             |
| 45 - 49           | 802    | 21                   | 163            | 126            | 147              | 338           | 7             |
| 50 - 54           | 473    | 24                   | 87             | 75             | 78               | 206           | 3             |
| 55 - 59           | 285    | 12                   | 58             | 37             | 50               | 130           | 1             |
| 60 - 64           | 208    | 8                    | 42             | 30             | 48               | 109           | -             |
| 65+               | 250    | 24                   | 56             | 38             | 47               | 107           | 5             |
| Not Stated        | 266    | 13                   | 89             | 68             | 58               | 29            | 10            |

Note: Beginning in 1984, the "date decree becomes effective" was used instead of "marriage was dissolved on..."; therefore, the number of divorces recorded is about 400 less for 1984.



TABLE 65. DISSOLUTION OF MARRIAGES AND ANNULMENTS BY AGE OF HUSBAND AND WIFE AND ORDER OF MARRIAGE, OREGON, 1984

| AGE AT<br>DIVORCE | TOTAL  | ORDER OF MARRIAGE |        |       |                   |               |
|-------------------|--------|-------------------|--------|-------|-------------------|---------------|
|                   |        | First             | Second | Third | Fourth<br>or more | Not<br>Stated |
| HUSBAND           |        |                   |        |       |                   |               |
| TOTAL             | 15,631 | 8,815             | 3,291  | 1,043 | 396               | 2,086         |
| 15-19             | 67     | 65                | -      | -     | -                 | 2             |
| 20-24             | 1,488  | 1,279             | 41     | 2     | 1                 | 165           |
| 25-29             | 2,973  | 2,288             | 331    | 32    | 5                 | 317           |
| 30-34             | 3,288  | 2,071             | 700    | 109   | 9                 | 399           |
| 35-39             | 2,707  | 1,353             | 747    | 225   | 43                | 339           |
| 40-44             | 1,873  | 760               | 559    | 198   | 83                | 273           |
| 45-49             | 1,132  | 412               | 318    | 139   | 76                | 187           |
| 50-54             | 705    | 239               | 197    | 95    | 69                | 105           |
| 55-59             | 484    | 128               | 145    | 91    | 43                | 77            |
| 60-64             | 313    | 60                | 100    | 61    | 33                | 59            |
| 65-69             | 186    | 45                | 60     | 37    | 14                | 30            |
| 70-74             | 102    | 13                | 31     | 26    | 8                 | 24            |
| 75+               | 83     | 11                | 30     | 15    | 11                | 16            |
| Not Stated        | 230    | 91                | 32     | 13    | 1                 | 93            |
| Median Age        | 34.8   | 32.8              | 38.7   | 43.7  | 48.8              | 36.7          |
| WIFE              |        |                   |        |       |                   |               |
| TOTAL             | 15,631 | 9,224             | 3,726  | 1,224 | 462               | 995           |
| 15-19             | 347    | 317               | 3      | -     | -                 | 27            |
| 20-24             | 2,552  | 2,214             | 171    | 16    | 2                 | 149           |
| 25-29             | 3,351  | 2,377             | 689    | 102   | 17                | 166           |
| 30-34             | 3,102  | 1,786             | 852    | 241   | 54                | 169           |
| 35-39             | 2,509  | 1,145             | 818    | 285   | 106               | 155           |
| 40-44             | 1,486  | 654               | 442    | 192   | 99                | 99            |
| 45-49             | 802    | 301               | 258    | 114   | 67                | 62            |
| 50-54             | 473    | 157               | 166    | 81    | 42                | 27            |
| 55-59             | 285    | 97                | 89     | 51    | 26                | 22            |
| 60-64             | 208    | 49                | 76     | 51    | 17                | 15            |
| 65-69             | 115    | 14                | 53     | 27    | 11                | 10            |
| 70-74             | 77     | 9                 | 30     | 26    | 6                 | 6             |
| 75+               | 58     | 2                 | 29     | 13    | 6                 | 8             |
| Not Stated        | 266    | 102               | 50     | 25    | 9                 | 80            |
| Median Age        | 32.3   | 29.3              | 35.8   | 39.2  | 41.4              | 32.4          |

TABLE 66. DISSOLUTION OF MARRIAGES BY COUNTY OF OCCURENCE BY AGE GROUPS OF WIFE, OREGON, 1984

| COUNTY OF<br>OCCURENCE | ALL<br>AGES | AGE OF WIFE |       |       |       |       |       |       |       |       |       |     | N.S. |
|------------------------|-------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|------|
|                        |             | 15-19       | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65+ |      |
| TOTAL                  | 15,631      | 347         | 2,552 | 3,351 | 3,102 | 2,509 | 1,486 | 802   | 473   | 285   | 208   | 250 | 266  |
| Baker                  | 98          | 2           | 20    | 23    | 13    | 13    | 11    | 4     | 3     | 2     | 3     | 4   | -    |
| Benton                 | 302         | 4           | 51    | 68    | 71    | 44    | 34    | 13    | 5     | 1     | 4     | 3   | 4    |
| Clackamas              | 1,120       | 19          | 155   | 217   | 247   | 198   | 113   | 72    | 41    | 19    | 11    | 10  | 18   |
| Clatsop                | 171         | 8           | 37    | 40    | 21    | 23    | 10    | 11    | 5     | 6     | 5     | 4   | 1    |
| Columbia               | 460         | 13          | 85    | 87    | 94    | 88    | 43    | 16    | 7     | 5     | 7     | 1   | 14   |
| Coos                   | 378         | 14          | 67    | 84    | 72    | 53    | 35    | 16    | 13    | 6     | 4     | 8   | 6    |
| Crook                  | 112         | 8           | 19    | 25    | 26    | 10    | 9     | 4     | 3     | 3     | 1     | 3   | 1    |
| Curry                  | 103         | 4           | 19    | 13    | 15    | 21    | 5     | 4     | 5     | 5     | -     | 8   | 4    |
| Deschutes              | 408         | 9           | 56    | 94    | 82    | 74    | 29    | 17    | 12    | 11    | 7     | 12  | 5    |
| Douglas                | 626         | 18          | 98    | 133   | 127   | 92    | 67    | 38    | 17    | 8     | 7     | 15  | 6    |
| Gilliam                | 4           | 1           | 1     | 1     | -     | -     | -     | 1     | -     | -     | -     | -   | -    |
| Grant                  | 60          | 1           | 7     | 13    | 9     | 13    | 2     | 10    | -     | 1     | 1     | 3   | -    |
| Harney                 | 36          | -           | 8     | 7     | 3     | 7     | 7     | 2     | 1     | -     | -     | -   | 1    |
| Hood River             | 302         | 12          | 61    | 69    | 52    | 41    | 26    | 17    | 9     | 2     | 10    | 2   | 1    |
| Jackson                | 981         | 28          | 154   | 189   | 188   | 156   | 93    | 55    | 34    | 27    | 17    | 20  | 20   |
| Jefferson              | 62          | 4           | 13    | 12    | 9     | 4     | 5     | 3     | 1     | 1     | 2     | 2   | 6    |
| Josephine              | 470         | 16          | 86    | 87    | 81    | 74    | 44    | 20    | 13    | 12    | 10    | 14  | 13   |
| Klamath                | 398         | 14          | 88    | 76    | 63    | 55    | 40    | 13    | 11    | 10    | 7     | 2   | 19   |
| Lake                   | 40          | 1           | 5     | 9     | 9     | 9     | 3     | -     | 3     | 1     | -     | -   | -    |
| Lane                   | 1,825       | 26          | 279   | 419   | 365   | 313   | 183   | 87    | 54    | 36    | 22    | 28  | 13   |
| Lincoln                | 203         | 5           | 37    | 48    | 37    | 28    | 16    | 13    | 7     | 1     | 4     | 4   | 3    |
| Linn                   | 493         | 15          | 99    | 97    | 88    | 66    | 55    | 24    | 14    | 14    | 5     | 7   | 9    |
| Malheur                | 123         | 4           | 23    | 24    | 20    | 16    | 11    | 10    | 4     | 5     | 1     | 2   | 3    |
| Marion                 | 940         | 28          | 140   | 200   | 184   | 148   | 99    | 58    | 25    | 12    | 11    | 13  | 22   |
| Morrow                 | 39          | 1           | 6     | 5     | 9     | 12    | 4     | 1     | -     | -     | -     | -   | 1    |
| Multnomah              | 3,107       | 38          | 465   | 694   | 708   | 496   | 289   | 147   | 105   | 52    | 39    | 43  | 31   |
| Polk                   | 489         | 8           | 90    | 106   | 109   | 83    | 25    | 29    | 10    | 8     | 6     | 13  | 2    |
| Sherman                | 3           | -           | -     | -     | -     | 1     | 2     | -     | -     | -     | -     | -   | -    |
| Tillamook              | 206         | 4           | 34    | 42    | 34    | 31    | 15    | 18    | 9     | 6     | 2     | 5   | 6    |
| Umatilla               | 319         | 5           | 58    | 67    | 53    | 53    | 36    | 17    | 7     | 8     | 4     | 7   | 4    |
| Union                  | 103         | 4           | 20    | 23    | 22    | 19    | 8     | 1     | -     | 1     | 2     | 1   | 2    |
| Wallowa                | 22          | 2           | 2     | 5     | 3     | 2     | 1     | 2     | 3     | 1     | 1     | -   | -    |
| Wasco                  | 146         | 6           | 29    | 34    | 21    | 15    | 10    | 9     | 4     | 3     | -     | 4   | 11   |
| Washington             | 1,165       | 20          | 172   | 279   | 219   | 198   | 129   | 53    | 37    | 14    | 10    | 10  | 24   |
| Wheeler                | 8           | -           | 2     | 2     | -     | 1     | 1     | 1     | 1     | -     | -     | -   | -    |
| Yamhill                | 309         | 5           | 66    | 59    | 48    | 52    | 26    | 16    | 10    | 4     | 5     | 2   | 16   |

Note: Beginning in 1984, the "date decree becomes effective" was used instead of "marriage was dissolved on..."; therefore, the number of divorces recorded is about 400 less for 1984.

TABLE 67. DISSOLUTION OF MARRIAGES BY COUNTY OF OCCURENCE BY AGE GROUPS OF HUSBAND, OREGON, 1984

| COUNTY OF<br>OCCURENCE | ALL<br>AGES | AGE OF HUSBAND |       |       |       |       |       |       |       |       |       |     | N.S. |
|------------------------|-------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|------|
|                        |             | 15-19          | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65+ |      |
| TOTAL                  | 15,631      | 67             | 1,488 | 2,973 | 3,288 | 2,707 | 1,873 | 1,132 | 705   | 484   | 313   | 371 | 230  |
| Baker                  | 98          | 1              | 9     | 24    | 16    | 12    | 13    | 6     | 3     | 3     | 2     | 7   | -    |
| Benton                 | 302         | -              | 26    | 75    | 62    | 60    | 36    | 21    | 6     | 4     | 5     | 5   | 2    |
| Clackamas              | 1,120       | 6              | 86    | 188   | 221   | 225   | 161   | 98    | 59    | 31    | 18    | 13  | 14   |
| Clatsop                | 171         | 2              | 17    | 35    | 42    | 26    | 15    | 5     | 5     | 8     | 9     | 6   | 1    |
| Columbia               | 460         | 1              | 49    | 87    | 102   | 82    | 50    | 32    | 16    | 10    | 8     | 6   | 17   |
| Coos                   | 378         | 3              | 47    | 70    | 76    | 57    | 48    | 23    | 17    | 16    | 6     | 10  | 5    |
| Crook                  | 112         | -              | 15    | 27    | 20    | 17    | 10    | 7     | 6     | 2     | 4     | 3   | 1    |
| Curry                  | 103         | -              | 12    | 16    | 17    | 23    | 12    | 5     | 4     | 3     | 3     | 8   | -    |
| Deschutes              | 408         | 2              | 34    | 69    | 95    | 85    | 37    | 27    | 17    | 14    | 11    | 13  | 4    |
| Douglas                | 626         | 7              | 65    | 109   | 124   | 96    | 68    | 64    | 33    | 23    | 10    | 21  | 6    |
| Gilliam                | 4           | -              | 1     | 2     | -     | -     | -     | -     | -     | 1     | -     | -   | -    |
| Grant                  | 60          | -              | 6     | 10    | 8     | 13    | 5     | 3     | 7     | 3     | 1     | 4   | -    |
| Harney                 | 36          | -              | 3     | 5     | 8     | 6     | 5     | 4     | 3     | 1     | -     | 1   | -    |
| Hood River             | 302         | 3              | 36    | 64    | 68    | 49    | 28    | 17    | 9     | 11    | 6     | 7   | 4    |
| Jackson                | 981         | 5              | 99    | 165   | 196   | 153   | 137   | 77    | 49    | 29    | 25    | 33  | 13   |
| Jefferson              | 62          | 1              | 9     | 14    | 10    | 9     | 4     | 1     | 3     | 1     | 2     | 4   | 4    |
| Josephine              | 470         | 3              | 52    | 81    | 84    | 79    | 55    | 33    | 23    | 15    | 14    | 18  | 13   |
| Klamath                | 398         | -              | 60    | 80    | 58    | 64    | 48    | 28    | 13    | 13    | 5     | 12  | 17   |
| Lake                   | 40          | -              | 2     | 7     | 10    | 7     | 6     | 2     | 2     | 2     | -     | 2   | -    |
| Lane                   | 1,825       | 5              | 156   | 338   | 413   | 331   | 220   | 127   | 92    | 54    | 37    | 42  | 10   |
| Lincoln                | 203         | -              | 21    | 35    | 53    | 33    | 20    | 9     | 9     | 9     | 4     | 9   | 1    |
| Linn                   | 493         | 2              | 59    | 101   | 94    | 66    | 58    | 39    | 26    | 15    | 13    | 12  | 8    |
| Malheur                | 123         | 1              | 19    | 24    | 18    | 14    | 22    | 6     | 6     | 4     | 4     | 5   | -    |
| Marion                 | 940         | 7              | 87    | 173   | 220   | 147   | 103   | 65    | 46    | 26    | 20    | 19  | 27   |
| Morrow                 | 39          | -              | 6     | 7     | 6     | 8     | 6     | 4     | 1     | -     | -     | -   | 1    |
| Multnomah              | 3,107       | 9              | 254   | 593   | 710   | 569   | 366   | 227   | 138   | 102   | 60    | 51  | 28   |
| Polk                   | 489         | -              | 45    | 106   | 114   | 83    | 53    | 28    | 20    | 9     | 9     | 18  | 4    |
| Sherman                | 3           | -              | -     | -     | -     | 1     | 1     | -     | 1     | -     | -     | -   | -    |
| Tillamook              | 206         | 1              | 14    | 39    | 33    | 41    | 28    | 11    | 8     | 12    | 6     | 7   | 6    |
| Umatilla               | 319         | 2              | 39    | 65    | 58    | 57    | 37    | 19    | 13    | 9     | 5     | 10  | 5    |
| Union                  | 103         | -              | 11    | 20    | 27    | 20    | 11    | 5     | 5     | -     | 4     | -   | -    |
| Wallowa                | 22          | -              | 3     | 3     | 3     | 2     | 5     | 1     | 3     | -     | 1     | 1   | -    |
| Wasco                  | 146         | -              | 23    | 24    | 28    | 18    | 15    | 17    | 3     | 4     | 1     | 5   | 8    |
| Washington             | 1,165       | 5              | 92    | 241   | 236   | 221   | 144   | 92    | 43    | 40    | 17    | 14  | 20   |
| Wheeler                | 8           | -              | -     | 4     | -     | -     | 2     | 1     | 1     | -     | -     | -   | -    |
| Yamhill                | 309         | 1              | 31    | 72    | 58    | 33    | 42    | 28    | 15    | 10    | 3     | 5   | 11   |

Note: Beginning in 1984, the "date decree becomes effective" was used instead of "marriage was dissolved on..."; therefore, the number of divorces recorded is about 400 less for 1984.

TABLE 68. DISSOLUTION OF MARRIAGES AND ANNULMENTS BY DURATION OF MARRIAGE AND ORDER OF MARRIAGE FOR HUSBAND AND WIFE, OREGON, 1984

| DURATION OF MARRIAGE | TOTAL  | ORDER OF MARRIAGE |        |       |                |            |
|----------------------|--------|-------------------|--------|-------|----------------|------------|
|                      |        | First             | Second | Third | Fourth or more | Not Stated |
| HUSBAND              |        |                   |        |       |                |            |
| TOTAL                | 15,631 | 8,815             | 3,291  | 1,043 | 396            | 2,086      |
| Under 1 year         | 593    | 198               | 160    | 95    | 53             | 87         |
| 1 year               | 1,257  | 560               | 348    | 150   | 53             | 146        |
| 2 years              | 1,399  | 704               | 327    | 134   | 50             | 184        |
| 3 years              | 1,455  | 789               | 323    | 119   | 44             | 180        |
| 4 years              | 1,337  | 679               | 335    | 102   | 46             | 175        |
| 5 years              | 1,150  | 576               | 281    | 92    | 38             | 163        |
| 6 years              | 980    | 528               | 243    | 59    | 21             | 129        |
| 7 years              | 828    | 460               | 208    | 40    | 14             | 106        |
| 8 years              | 710    | 397               | 167    | 37    | 16             | 93         |
| 9 years              | 620    | 362               | 138    | 37    | 12             | 71         |
| 10-14 years          | 2,316  | 1,472             | 403    | 101   | 37             | 303        |
| 15-19 years          | 1,319  | 905               | 176    | 43    | 6              | 189        |
| 20-24 years          | 746    | 528               | 87     | 12    | 4              | 115        |
| 25-29 years          | 396    | 291               | 42     | 11    | -              | 52         |
| 30+ years            | 402    | 311               | 27     | 5     | -              | 59         |
| Not Stated           | 123    | 55                | 26     | 6     | 2              | 34         |
| WIFE                 |        |                   |        |       |                |            |
| TOTAL                | 15,631 | 9,224             | 3,726  | 1,224 | 462            | 995        |
| Under 1 year         | 593    | 195               | 199    | 106   | 54             | 39         |
| 1 year               | 1,257  | 557               | 349    | 179   | 100            | 72         |
| 2 years              | 1,399  | 707               | 381    | 161   | 65             | 85         |
| 3 years              | 1,455  | 787               | 400    | 141   | 41             | 86         |
| 4 years              | 1,337  | 745               | 362    | 119   | 38             | 73         |
| 5 years              | 1,150  | 620               | 295    | 113   | 32             | 90         |
| 6 years              | 980    | 554               | 260    | 81    | 31             | 54         |
| 7 years              | 828    | 487               | 215    | 53    | 17             | 56         |
| 8 years              | 710    | 410               | 197    | 37    | 26             | 40         |
| 9 years              | 620    | 397               | 151    | 31    | 10             | 31         |
| 10-14 years          | 2,316  | 1,540             | 504    | 117   | 23             | 132        |
| 15-19 years          | 1,319  | 970               | 203    | 42    | 14             | 90         |
| 20-24 years          | 746    | 562               | 102    | 22    | 4              | 56         |
| 25-29 years          | 396    | 308               | 53     | 5     | 2              | 28         |
| 30+ years            | 402    | 327               | 34     | 6     | 2              | 33         |
| Not Stated           | 123    | 58                | 21     | 11    | 3              | 30         |

Note: Beginning in 1984, the "date decree becomes effective" was used instead of "marriage was dissolved on..."; therefore, the number of divorces recorded is about 400 less for 1984.

TABLE 69. DISSOLUTION OF MARRIAGES AND ANNULMENTS BY STATE OR REGION WHERE MARRIAGE OCCURRED BY DURATION OF MARRIAGE, OREGON, 1984

| STATE OR REGION OF MARRIAGE | TOTAL  | DURATION OF MARRIAGE |             |             |                 |            |
|-----------------------------|--------|----------------------|-------------|-------------|-----------------|------------|
|                             |        | Under 1 Year         | 1 - 4 Years | 5 - 9 Years | 10 Years & Over | Not Stated |
| TOTAL                       | 15,631 | 593                  | 5,448       | 4,288       | 5,179           | 123        |
| New England                 | 70     | -                    | 8           | 22          | 39              | 1          |
| Middle Atlantic             | 133    | 1                    | 17          | 35          | 80              | -          |
| East North Central          | 238    | -                    | 42          | 52          | 143             | 1          |
| West North Central          | 240    | 2                    | 42          | 53          | 142             | 1          |
| South Atlantic              | 177    | 3                    | 40          | 51          | 82              | 1          |
| East South Central          | 56     | -                    | 13          | 14          | 29              | -          |
| West South Central          | 184    | 9                    | 55          | 33          | 87              | -          |
| Mountain:                   |        |                      |             |             |                 |            |
| Montana                     | 58     | 1                    | 9           | 16          | 31              | 1          |
| Idaho                       | 315    | 9                    | 108         | 62          | 134             | 2          |
| Wyoming                     | 25     | -                    | 6           | 9           | 10              | -          |
| Colorado                    | 87     | -                    | 19          | 27          | 41              | -          |
| New Mexico                  | 28     | -                    | 4           | 6           | 16              | 2          |
| Arizona                     | 94     | 3                    | 25          | 26          | 40              | -          |
| Utah                        | 66     | 2                    | 23          | 20          | 21              | -          |
| Nevada                      | 2,282  | 123                  | 844         | 673         | 629             | 13         |
| Pacific:                    |        |                      |             |             |                 |            |
| Washington                  | 1,945  | 66                   | 687         | 500         | 681             | 11         |
| OREGON                      | 7,964  | 351                  | 3,193       | 2,262       | 2,120           | 38         |
| California                  | 1,197  | 14                   | 203         | 317         | 659             | 4          |
| Alaska                      | 48     | 4                    | 14          | 20          | 10              | -          |
| Hawaii                      | 58     | -                    | 22          | 12          | 24              | -          |
| Virgin Islands              | 3      | -                    | 1           | 2           | -               | -          |
| Foreign Countries           | 274    | 5                    | 56          | 68          | 143             | 2          |
| Not Stated                  | 89     | -                    | 17          | 8           | 18              | 46         |



# MORBIDITY

## MORBIDITY

### INCOMPLETE REPORTING CAUSES INCOMPLETE DATA

The number of cases reported for each disease category in the following sections probably underestimates the actual number of cases that have occurred during the year. Although reporting of communicable diseases by physicians is mandatory in Oregon, underreporting frequently occurs because of a break in the chain of events leading to the report of a disease. This chain includes the occurrence of the disease in an individual patient, the seeking of medical care by that patient, the making of the correct diagnosis by the physician, and the reporting of that diagnosed patient to the local health department. Failure to seek medical care and failure to report diagnosed cases are probably the most common causes of incomplete reporting. The communicable disease rules are now being revised to make reporting easier and more timely.

### GNORRHEA

The incidence of reported gonorrhea cases has continued to steadily decline since 1980.

### SALMONELLOSIS

The large number of cases reported in 1984 reflects the occurrence of four foodborne outbreaks. The largest of them, associated with ten restaurants in The Dalles, involved over 700 cases.

### TUBERCULOSIS

The number of newly reported tuberculosis cases continued to decline since a peak in 1980. This decline may, in part, be the result of a decreasing number of newly arriving refugees as well as the result of intensive efforts to prevent the disease among persons recently exposed to tuberculosis.

### VACCINE PREVENTABLE DISEASES

No significant outbreaks of measles, pertussis, polio, or rubella occurred during the year. The occurrence of sporadic cases, or small clusters of cases, however continues to demonstrate the need to maintain effective immunization programs for outbreak prevention.

TABLE 70. REPORTED CASES OF GONORRHEA BY SEX AND AGE-GROUPS, OREGON, 1980-1984

| AGE GROUPS<br>AND SEX | 1980   |         | 1981  |         | 1982  |         | 1983  |         | 1984  |         |
|-----------------------|--------|---------|-------|---------|-------|---------|-------|---------|-------|---------|
|                       | Cases  | Rates   | Cases | Rates   | Cases | Rates   | Cases | Rates   | Cases | Rates   |
| TOTAL                 | 11,159 | 423.9   | 9,189 | 345.4   | 7,791 | 293.3   | 6,672 | 253.2   | 6,635 | 249.4   |
| Male                  | 5,669  | 437.3   | 5,346 | 407.9   | 4,394 | 335.9   | 3,647 | 282.1   | 3,565 | 272.8   |
| Female                | 3,761  | 281.4   | 3,843 | 284.7   | 3,397 | 252.0   | 3,025 | 225.0   | 3,070 | 226.9   |
| Under 10              | 9      | *       | 11    | *       | 13    | 3.3     | 14    | 3.6     | 10    | 2.6     |
| Male                  | 4      | *       | 2     | *       | 1     | 0.5     | 4     | 2.0     | 2     | 1.0     |
| Female                | 4      | *       | 9     | *       | 12    | 6.3     | 10    | 5.3     | 8     | 4.2     |
| 10 - 14               | 84     | 41.5    | 58    | 28.5    | 59    | 29.4    | 76    | 38.9    | 104   | 54.8    |
| Male                  | 12     | 11.6    | 6     | 5.8     | 5     | 4.9     | 7     | 7.0     | 11    | 11.3    |
| Female                | 56     | 56.6    | 52    | 52.4    | 54    | 55.2    | 69    | 72.3    | 93    | 100.3   |
| 15 - 19               | 2,630  | 1,164.7 | 2,022 | 928.6   | 1,738 | 809.8   | 1,522 | 730.4   | 1,728 | 849.1   |
| Male                  | 793    | 691.4   | 660   | 1,268.9 | 574   | 521.8   | 525   | 494.0   | 603   | 581.3   |
| Female                | 1,418  | 1,276.1 | 1,362 | 1,279.2 | 1,164 | 1,112.6 | 997   | 976.3   | 1,125 | 127.5   |
| 20 - 24               | 3,669  | 1,543.0 | 2,970 | 1,268.9 | 2,530 | 1,123.1 | 2,220 | 1,004.1 | 2,166 | 963.2   |
| Male                  | 1,951  | 1,656.2 | 1,735 | 1,497.3 | 1,448 | 1,286.7 | 1,204 | 1,088.3 | 1,225 | 1,079.4 |
| Female                | 212    | 1,010.1 | 1,235 | 1,045.0 | 1,082 | 959.8   | 1,016 | 919.7   | 941   | 844.7   |
| 25 - 29               | 2,171  | 856.5   | 1,864 | 737.6   | 1,508 | 614.2   | 1,188 | 507.8   | 1,069 | 469.9   |
| Male                  | 1,411  | 1,112.2 | 1,334 | 1,058.4 | 1,039 | 855.5   | 790   | 683.3   | 703   | 626.0   |
| Female                | 541    | 427.3   | 530   | 418.4   | 469   | 378.0   | 398   | 336.4   | 366   | 317.7   |
| 30 - 34               | 1,088  | 478.1   | 975   | 403.0   | 772   | 320.9   | 603   | 255.0   | 529   | 219.6   |
| Male                  | 727    | 631.8   | 730   | 598.0   | 576   | 475.1   | 441   | 371.8   | 392   | 324.0   |
| Female                | 226    | 200.9   | 245   | 204.4   | 196   | 164.2   | 162   | 137.5   | 137   | 114.3   |
| 35 - 39               | 464    | 271.8   | 389   | 216.5   | 334   | 174.1   | 300   | 151.7   | 253   | 121.4   |
| Male                  | 321    | 373.1   | 307   | 338.5   | 255   | 263.5   | 230   | 231.1   | 191   | 181.6   |
| Female                | 81     | 95.7    | 82    | 92.2    | 79    | 83.1    | 70    | 71.2    | 62    | 60.1    |
| 40+                   | 384    | 41.4    | 321   | 39.1    | 287   | 30.3    | 238   | 24.9    | 234   | 24.0    |
| Male                  | 266    | 61.4    | 268   | 67.8    | 299   | 51.6    | 187   | 42.0    | 187   | 41.2    |
| Female                | 57     | 11.5    | 53    | 12.5    | 58    | 11.5    | 51    | 10.0    | 47    | 9.0     |
| Age Not Stated        | 660    |         | 579   |         | 550   |         | 511   |         | 542   |         |
| Male                  | 184    |         | 304   |         | 267   |         | 259   |         | 251   |         |
| Female                | 166    |         | 275   |         | 283   |         | 252   |         | 291   |         |

All rates per 100,000 population within the specific age group.

TABLE 71. REPORTED CASES OF SYPHILIS BY AGE GROUPS AND YEAR, OREGON, 1979-1984

| AGE GROUP | 1979  |       | 1980             |       | 1981  |       | 1982  |       | 1983  |       | 1984  |       |
|-----------|-------|-------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|           | Cases | Rates | Cases            | Rates | Cases | Rates | Cases | Rates | Cases | Rates | Cases | Rates |
| All Ages  | 168   | 6.6   | 109 <sup>1</sup> | 4.1   | 123   | 4.6   | 111   | 4.2   | 144   | 5.5   | 117   | 4.4   |
| 10-14     | 1     | 0.5   | 1                | 0.5   | -     | -     | -     | -     | -     | -     | -     | -     |
| 15-19     | 11    | 4.8   | 11               | 4.9   | 12    | 5.5   | 7     | 3.3   | 3     | 1.4   | 10    | 4.9   |
| 20-24     | 39    | 15.8  | 24               | 10.1  | 25    | 10.7  | 27    | 12.0  | 26    | 11.8  | 18    | 8.0   |
| 25-29     | 45    | 19.2  | 32               | 12.6  | 25    | 9.9   | 28    | 11.4  | 33    | 14.1  | 28    | 12.3  |
| 30-34     | 25    | 13.0  | 26               | 11.4  | 25    | 10.3  | 17    | 7.1   | 32    | 13.5  | 20    | 8.3   |
| 35-39     | 20    | 12.9  | 6                | 3.5   | 14    | 7.8   | 11    | 5.7   | 22    | 11.1  | 12    | 5.8   |
| 40+       | 27    | 3.0   | 8                | 0.9   | 22    | 2.3   | 21    | 2.2   | 28    | 2.9   | 29    | 3.0   |

Includes primary and secondary syphilis only.

All rates per 100,000 population within the specific age group.

<sup>1</sup> Includes one with age not stated.

TABLE 72. REPORTED CASES WITH RATES OF SYPHILIS AND GONORRHEA BY YEAR OREGON, 1945-1984

| YEAR | SYPHILIS |       |                                        | GONORRHEA |       |
|------|----------|-------|----------------------------------------|-----------|-------|
|      | TOTAL    |       | Primary &<br>Secondary<br>(Contagious) | Cases     | Rate  |
|      | Cases    | Rate  |                                        |           |       |
| 1945 | 1,717    | 139.9 | 472                                    | 3,214     | 261.9 |
| 1946 | 1,447    | 107.4 | 493                                    | 2,438     | 180.9 |
| 1947 | 1,427    | 100.3 | 439                                    | 1,945     | 136.7 |
| 1948 | 1,205    | 81.9  | 286                                    | 2,363     | 92.7  |
| 1949 | 703      | 46.5  | 152                                    | 854       | 56.5  |
| 1950 | 525      | 34.5  | 54                                     | 614       | 40.4  |
| 1951 | 381      | 24.3  | 46                                     | 745       | 47.5  |
| 1952 | 629      | 39.3  | 56                                     | 702       | 43.8  |
| 1953 | 683      | 41.7  | 48                                     | 557       | 34.0  |
| 1954 | 713      | 42.9  | 44                                     | 548       | 33.0  |
| 1955 | 609      | 36.0  | 37                                     | 470       | 27.8  |
| 1956 | 598      | 34.5  | 52                                     | 490       | 28.2  |
| 1957 | 589      | 33.9  | 21                                     | 611       | 35.2  |
| 1958 | 716      | 41.4  | 22                                     | 916       | 53.0  |
| 1959 | 746      | 42.0  | 46                                     | 1,029     | 57.9  |
| 1960 | 637      | 36.0  | 72                                     | 1,331     | 75.3  |
| 1961 | 524      | 28.8  | 43                                     | 1,258     | 69.3  |
| 1962 | 561      | 30.7  | 49                                     | 1,287     | 70.5  |
| 1963 | 593      | 31.9  | 73                                     | 1,783     | 96.1  |
| 1964 | 377      | 19.8  | 76                                     | 2,177     | 114.2 |
| 1965 | 427      | 22.4  | 47                                     | 2,520     | 127.8 |
| 1966 | 222      | 11.1  | 46                                     | 2,811     | 140.6 |
| 1967 | 206      | 10.3  | 43                                     | 3,363     | 167.6 |
| 1968 | 199      | 9.7   | 41                                     | 4,056     | 197.8 |
| 1969 | 201      | 9.7   | 43                                     | 5,799     | 277.6 |
| 1970 | 177      | 8.5   | 32                                     | 6,793     | 324.8 |
| 1971 | 114      | 5.3   | 15                                     | 9,043     | 422.0 |
| 1972 | 113      | 5.2   | 40                                     | 10,206    | 476.5 |
| 1973 | 148      | 6.7   | 49                                     | 11,146    | 501.0 |
| 1974 | 237      | 10.5  | 118                                    | 11,704    | 516.5 |
| 1975 | 304      | 13.2  | 145                                    | 11,449    | 498.0 |
| 1976 | 250      | 10.7  | 106                                    | 11,022    | 470.7 |
| 1977 | 282      | 11.8  | 144                                    | 11,044    | 460.9 |
| 1978 | 415      | 16.8  | 170                                    | 11,253    | 455.2 |
| 1979 | 361      | 14.2  | 168                                    | 10,278    | 404.0 |
| 1980 | 296      | 11.2  | 109                                    | 11,162    | 424.0 |
| 1981 | 272      | 10.2  | 123                                    | 9,189     | 345.4 |
| 1982 | 214      | 8.1   | 111                                    | 7,796     | 293.5 |
| 1983 | 274      | 10.4  | 144                                    | 6,672     | 253.2 |
| 1984 | 251      | 9.4   | 117                                    | 6,635     | 249.4 |

All rates per 100,000 population



TABLE 73. REPORTED CASES OF SYPHILIS AND GONORRHEA BY COUNTY OF RESIDENCE AND BY TYPE OF INFECTION, OREGON, 1984

| COUNTY<br>OF<br>RESIDENCE | SYPHILIS |      |                                        |                 |      | GONORRHEA |       |
|---------------------------|----------|------|----------------------------------------|-----------------|------|-----------|-------|
|                           | Total    |      | Primary &<br>Secondary<br>(Contagious) | Early<br>Latent | Late | Number    | Rate  |
|                           | Number   | Rate |                                        |                 |      |           |       |
| TOTAL                     | 251      | 9.4  | 117                                    | 100             | 34   | 6,635     | 249.4 |
| Baker                     | 1        | 6.2  | -                                      | 1               | -    | 11        | 68.1  |
| Benton                    | 1        | 1.5  | -                                      | -               | 1    | 67        | 98.4  |
| Clackamas                 | 11       | 4.5  | 4                                      | 6               | 1    | 361       | 148.2 |
| Clatsop                   | 1        | 3.1  | 1                                      | -               | -    | 44        | 134.4 |
| Columbia                  | -        | -    | -                                      | -               | -    | 23        | 63.9  |
| Coos                      | 8        | 13.0 | 4                                      | 4               | -    | 143       | 232.7 |
| Crook                     | -        | -    | -                                      | -               | -    | 2         | 15.4  |
| Curry                     | -        | -    | -                                      | -               | -    | 17        | 57.5  |
| Deschutes                 | 7        | 11.1 | 5                                      | 1               | 1    | 59        | 93.2  |
| Douglas                   | 3        | 3.3  | -                                      | 3               | -    | 83        | 91.8  |
| Gilliam                   | -        | -    | -                                      | -               | -    | -         | -     |
| Grant                     | -        | -    | -                                      | -               | -    | 3         | 37.5  |
| Harney                    | -        | -    | -                                      | -               | -    | 3         | 41.5  |
| Hood River                | 4        | 24.7 | 1                                      | 3               | -    | 44        | 271.6 |
| Jackson                   | 4        | 3.0  | 3                                      | 1               | -    | 232       | 174.0 |
| Jefferson                 | 3        | 24.9 | 1                                      | 1               | 1    | 30        | 249.0 |
| Josephine                 | 3        | 5.1  | 1                                      | 1               | 1    | 92        | 155.3 |
| Klamath                   | 2        | 3.4  | 2                                      | -               | -    | 73        | 125.1 |
| Lake                      | -        | -    | -                                      | -               | -    | 2         | 26.7  |
| Lane                      | 10       | 3.7  | 6                                      | 4               | -    | 600       | 224.0 |
| Lincoln                   | 3        | 8.2  | 1                                      | 2               | -    | 30        | 81.6  |
| Linn                      | 5        | 5.6  | 1                                      | 3               | 1    | 84        | 94.0  |
| Malheur                   | 2        | 7.4  | -                                      | 1               | 1    | 34        | 125.9 |
| Marion                    | 39       | 18.9 | 17                                     | 17              | 5    | 518       | 251.6 |
| Morrow                    | -        | -    | -                                      | -               | -    | 7         | 96.2  |
| Multnomah                 | 120      | 21.5 | 55                                     | 47              | 18   | 3439      | 616.9 |
| Polk                      | -        | -    | -                                      | -               | -    | 26        | 58.4  |
| Sherman                   | -        | -    | -                                      | -               | -    | -         | -     |
| Tillamook                 | -        | -    | -                                      | -               | -    | 17        | 79.1  |
| Umatilla                  | 3        | 5.0  | 1                                      | -               | 2    | 90        | 149.8 |
| Union                     | -        | -    | -                                      | -               | -    | 60        | 247.9 |
| Wallowa                   | 1        | 13.6 | -                                      | -               | 1    | 3         | 40.9  |
| Wasco                     | 1        | 4.5  | -                                      | 1               | -    | 26        | 116.1 |
| Washington                | 16       | 6.2  | 12                                     | 3               | 1    | 369       | 143.4 |
| Wheeler                   | -        | -    | -                                      | -               | -    | -         | -     |
| Yamhill                   | 3        | 5.3  | 2                                      | 1               | -    | 50        | 89.0  |

Rates per 100,000 population

TABLE 74. REPORTED TUBERCULOSIS CASES AND DEATHS WITH RATES,  
OREGON, 1950 - 1984

| YEAR | CASES <sup>1</sup> |      | DEATHS |      |
|------|--------------------|------|--------|------|
|      | Number             | Rate | Number | Rate |
| 1950 | 676                | 44.4 | 201    | 13.2 |
| 1951 | 765                | 48.8 | 209    | 13.3 |
| 1952 | 863                | 53.9 | 146    | 9.1  |
| 1953 | 656                | 40.1 | 112    | 6.8  |
| 1954 | 636                | 38.2 | 84     | 5.1  |
| 1955 | 638                | 37.7 | 80     | 4.7  |
| 1956 | 593                | 34.2 | 70     | 4.0  |
| 1957 | 578                | 33.3 | 62     | 3.6  |
| 1958 | 572                | 33.1 | 54     | 3.1  |
| 1959 | 560                | 31.5 | 69     | 3.9  |
| 1960 | 492                | 27.8 | 63     | 3.6  |
| 1961 | 454                | 25.0 | 57     | 3.1  |
| 1962 | 417                | 22.8 | 43     | 2.3  |
| 1963 | 395                | 21.3 | 51     | 2.7  |
| 1964 | 416                | 21.8 | 48     | 2.5  |
| 1965 | 361                | 18.3 | 34     | 1.8  |
| 1966 | 386                | 19.3 | 43     | 2.2  |
| 1967 | 322                | 16.0 | 37     | 1.8  |
| 1968 | 290                | 14.1 | 29     | 1.4  |
| 1969 | 357                | 17.2 | 24     | 1.2  |
| 1970 | 265                | 12.7 | 18     | 0.9  |
| 1971 | 249                | 11.6 | 29     | 1.4  |
| 1972 | 234                | 10.7 | 30     | 1.4  |
| 1973 | 239                | 10.7 | 30     | 1.3  |
| 1974 | 207                | 9.1  | 24     | 1.1  |
| 1975 | 194                | 8.4  | 20     | 0.9  |
| 1976 | 197                | 8.4  | 20     | 0.9  |
| 1977 | 171                | 7.1  | 13     | 0.5  |
| 1978 | 204                | 8.3  | 21     | 0.8  |
| 1979 | 179                | 7.0  | 20     | 0.8  |
| 1980 | 218                | 8.3  | 27     | 1.0  |
| 1981 | 206                | 7.7  | 18     | 0.7  |
| 1982 | 194                | 7.3  | 14     | 0.5  |
| 1983 | 182                | 6.9  | 19     | 0.7  |
| 1984 | 156                | 5.9  | NA     | NA   |

All rates per 100,000 population

1 From 1950 to 1974 new cases included those cases first reported in that year. In 1975 through 1984, new cases included those cases first reported in that year plus reactivations.

TABLE 75. CASES OF REPORTABLE DISEASES BY MONTH OF REPORT, OREGON 1984

| DISEASES                     | TOTAL | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Amebiasis                    | 101   | 7   | 5   | 16  | 6   | 5   | 6   | 4   | 4   | 14  | 11  | 13  | 10  |
| Botulism                     | 4     | -   | 1   | 2   | 1   | -   | -   | -   | -   | -   | -   | -   | -   |
| Hepatitis                    |       |     |     |     |     |     |     |     |     |     |     |     |     |
| Type A                       |       |     |     |     |     |     |     |     |     |     |     |     |     |
| (Infectious)                 | 1007  | 97  | 110 | 84  | 64  | 55  | 81  | 82  | 66  | 82  | 83  | 101 | 102 |
| Type B                       |       |     |     |     |     |     |     |     |     |     |     |     |     |
| (Serum)                      | 377   | 23  | 28  | 29  | 36  | 32  | 36  | 27  | 23  | 26  | 29  | 33  | 55  |
| Non A Non B                  | 154   | 11  | 12  | 16  | 7   | 14  | 15  | 10  | 14  | 9   | 5   | 14  | 27  |
| Unspecified                  | 38    | 4   | 1   | 2   | 8   | -   | 3   | 3   | 1   | 3   | 5   | 2   | 6   |
| Legionellosis                | 1     | -   | -   | -   | -   | -   | 1   | -   | -   | -   | -   | -   | -   |
| Leprosy                      | 2     | -   | 1   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 1   |
| Malaria                      | 16    | 1   | -   | -   | -   | 1   | 5   | 1   | 2   | -   | 1   | 2   | 3   |
| Meningococcal Infections     | 50    | 8   | 3   | 8   | 4   | 8   | 5   | 3   | -   | 3   | 2   | 3   | 3   |
| Pertussis                    |       |     |     |     |     |     |     |     |     |     |     |     |     |
| (Whooping Cough)             | 31    | -   | 4   | 1   | 2   | 2   | 2   | -   | 3   | 11  | 4   | 1   | 1   |
| Psittacosis                  | 6     | 1   | 1   | 1   | -   | -   | -   | 3   | -   | -   | -   | -   | -   |
| Rubella                      | 2     | -   | -   | -   | -   | -   | -   | 1   | -   | 1   | -   | -   | -   |
| Rubella, Congenital Syndrome | 1     | -   | -   | -   | -   | -   | -   | -   | -   | -   | 1   | -   | -   |
| Salmonellosis                |       |     |     |     |     |     |     |     |     |     |     |     |     |
| (Excl. Typhoid)              | 1036  | 13  | 13  | 17  | 13  | 25  | 31  | 24  | 20  | 62  | 753 | 27  | 38  |
| Shigella                     |       |     |     |     |     |     |     |     |     |     |     |     |     |
| (Bacillary Dysentery)        | 237   | 10  | 2   | 11  | 12  | 9   | 27  | 12  | 65  | 59  | 11  | 3   | 16  |
| Tularemia                    | 3     | -   | 1   | -   | -   | 1   | -   | -   | -   | -   | -   | 1   | -   |
| Typhoid Fever                | 2     | -   | -   | -   | -   | 1   | -   | -   | -   | -   | 1   | -   | -   |
| Typhus Fever                 |       |     |     |     |     |     |     |     |     |     |     |     |     |
| (Tick-Borne Rocky Mt. Spot)  | 1     | -   | -   | 1   | -   | -   | -   | -   | -   | -   | -   | -   | -   |
| Toxic-Shock Syndrome         | 9     | 1   | -   | -   | 4   | -   | 1   | 1   | -   | 1   | -   | -   | 1   |

TABLE 76. CASES OF REPORTABLE DISEASES BY COUNTY OF RESIDENCE, OREGON, 1984

| COUNTY OF<br>RESIDENCE | AMEBIASIS | HEPATITIS |        |                |                  | MALARIA | MEASLES | MENINGOCOCCAL<br>INFECTIONS |
|------------------------|-----------|-----------|--------|----------------|------------------|---------|---------|-----------------------------|
|                        |           | Type A    | Type B | Non A<br>Non B | Unspeci-<br>fied |         |         |                             |
| TOTAL                  | 101       | 1007      | 377    | 154            | 38               | 16      | -       | 50                          |
| Baker                  | -         | 1         | -      | 1              | -                | -       | -       | -                           |
| Benton                 | 2         | 10        | 3      | 1              | -                | 4       | -       | 5                           |
| Clackamas              | 6         | 94        | 28     | 10             | 1                | 1       | -       | 4                           |
| Clatsop                | -         | 4         | 3      | 10             | 1                | -       | -       | -                           |
| Columbia               | -         | 3         | 1      | -              | -                | 1       | -       | -                           |
| Coos                   | -         | 3         | 8      | 2              | -                | -       | -       | 1                           |
| Crook                  | 2         | 1         | -      | 1              | -                | -       | -       | -                           |
| Curry                  | 1         | 1         | 1      | -              | -                | -       | -       | 1                           |
| Deschutes              | -         | 10        | 6      | 3              | 2                | -       | -       | -                           |
| Douglas                | -         | 12        | 10     | 3              | 1                | -       | -       | 1                           |
| Gilliam                | -         | -         | -      | -              | -                | -       | -       | -                           |
| Grant                  | -         | -         | 1      | -              | -                | -       | -       | -                           |
| Harney                 | -         | 1         | 1      | 2              | 1                | -       | -       | -                           |
| Hood River             | -         | 3         | -      | 1              | -                | -       | -       | -                           |
| Jackson                | -         | 18        | 17     | 2              | -                | -       | -       | 1                           |
| Jefferson              | -         | 5         | 1      | -              | -                | -       | -       | -                           |
| Josephine              | 3         | 11        | 7      | 2              | 4                | 1       | -       | 3                           |
| Klamath                | -         | 19        | 3      | -              | 2                | -       | -       | 1                           |
| Lake                   | -         | -         | 1      | -              | -                | -       | -       | -                           |
| Lane                   | 10        | 45        | 50     | 14             | -                | -       | -       | 4                           |
| Lincoln                | -         | 4         | 3      | 3              | 1                | -       | -       | -                           |
| Linn                   | 2         | 13        | 18     | 4              | 4                | 1       | -       | 5                           |
| Malheur                | 2         | 19        | -      | 2              | -                | -       | -       | 1                           |
| Marion                 | 8         | 125       | 26     | 11             | 5                | 3       | -       | 13                          |
| Morrow                 | 1         | -         | -      | -              | -                | -       | -       | -                           |
| Multnomah              | 57        | 474       | 149    | 66             | 14               | 4       | -       | 6                           |
| Polk                   | 2         | 14        | 3      | 3              | 1                | -       | -       | 1                           |
| Tillamook              | -         | 2         | -      | 1              | 2                | -       | -       | -                           |
| Umatilla               | 2         | 2         | -      | 1              | 2                | -       | -       | 1                           |
| Union                  | -         | -         | -      | 1              | -                | -       | -       | -                           |
| Wallowa                | -         | 2         | -      | -              | -                | -       | -       | -                           |
| Wasco-                 | -         | -         | -      | -              | -                | -       | -       | -                           |
| Sherman*               | -         | 1         | 3      | -              | -                | -       | -       | -                           |
| Washington             | 3         | 49        | 23     | 10             | 1                | 1       | -       | 2                           |
| Wheeler                | -         | -         | -      | -              | -                | -       | -       | -                           |
| Yamhill                | -         | 24        | 7      | 2              | -                | -       | -       | -                           |

\*Wasco and Sherman Counties reported together

TABLE 76. CASES OF REPORTABLE DISEASES BY COUNTY OF RESIDENCE, OREGON, 1984, continued

| COUNTY OF RESIDENCE | PERTUSSIS | RUBELLA | SALMON-<br>ELLOSIS | SHIGEL-<br>LOSIS | TUBERCU-<br>LOSIS | TULAREMIA | TYPHOID<br>FEVER |
|---------------------|-----------|---------|--------------------|------------------|-------------------|-----------|------------------|
| TOTAL               | 31        | 2       | 1036               | 237              | 156               | 3         | 2                |
| Baker               | -         | -       | 4                  | -                | -                 | -         | -                |
| Benton              | -         | 1       | 19                 | 7                | -                 | -         | -                |
| Clackamas           | 2         | -       | 36                 | 7                | 7                 | -         | -                |
| Clatsop             | -         | -       | -                  | -                | 1                 | -         | -                |
| Columbia            | -         | -       | 3                  | -                | -                 | -         | -                |
| Coos                | -         | -       | 5                  | 1                | 4                 | 1         | -                |
| Crook               | -         | -       | 3                  | -                | -                 | -         | -                |
| Curry               | 1         | -       | 2                  | -                | -                 | -         | -                |
| Deschutes           | -         | -       | 11                 | -                | -                 | -         | -                |
| Douglas             | -         | -       | -                  | -                | 2                 | -         | -                |
| Gilliam             | -         | -       | 3                  | -                | -                 | -         | -                |
| Grant               | -         | -       | -                  | -                | -                 | -         | -                |
| Harney              | -         | -       | -                  | -                | -                 | -         | -                |
| Hood River          | -         | -       | 17                 | 1                | -                 | -         | -                |
| Jackson             | 5         | -       | 9                  | 2                | 1                 | -         | -                |
| Jefferson           | -         | -       | 4                  | 75               | -                 | -         | -                |
| Josephine           | -         | -       | 8                  | 1                | 1                 | -         | -                |
| Klamath             | 1         | -       | 1                  | -                | 2                 | -         | -                |
| Lake                | -         | -       | 1                  | -                | 1                 | -         | -                |
| Lane                | 1         | -       | 47                 | 5                | 4                 | -         | -                |
| Lincoln             | -         | -       | 2                  | 1                | 1                 | -         | -                |
| Linn                | -         | -       | 11                 | 5                | 1                 | -         | -                |
| Malheur             | 1         | -       | 4                  | -                | 7                 | -         | -                |
| Marion              | 7         | -       | 20                 | 32               | 17                | 1         | 1                |
| Morrow              | 1         | -       | 2                  | -                | -                 | -         | -                |
| Multnomah           | 7         | -       | 83                 | 53               | 78                | -         | -                |
| Polk                | 2         | -       | 7                  | 1                | 2                 | -         | -                |
| Tillamook           | -         | -       | -                  | 1                | -                 | -         | -                |
| Umatilla            | -         | -       | 33                 | 1                | 2                 | -         | -                |
| Union               | -         | -       | 8                  | -                | -                 | 1         | 1                |
| Wallowa             | -         | -       | 1                  | -                | -                 | -         | -                |
| Wasco-              | -         | -       | -                  | -                | -                 | -         | -                |
| Sherman*            | 2         | -       | 630                | 2                | 2                 | -         | -                |
| Washington          | 1         | 1       | 58                 | 37               | 21                | -         | -                |
| Wheeler             | -         | -       | 1                  | -                | -                 | -         | -                |
| Yamhill             | -         | -       | 3                  | 5                | 3                 | -         | -                |

\*Wasco and Sherman Counties reported together



# POPULATION

TABLE 77. POPULATION DISTRIBUTION BY AGE AND SEX, OREGON, 1950, 1960, 1970, 1975, 1977-1984

| YEAR<br>AND<br>SEX | TOTAL     | AGE GROUPS |         |         |         |         |         |         |         |         |         |         |         |         |         |        |         |        | 85+    |
|--------------------|-----------|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|--------|--------|
|                    |           | 0-4        | 5-9     | 10-14   | 15-19   | 20-24   | 25-29   | 30-34   | 35-39   | 40-44   | 45-49   | 50-54   | 55-59   | 60-64   | 65-69   | 70-74  | 75-79   | 80-84  |        |
| 1950               | 1,521,341 | 163,915    | 131,596 | 106,140 | 96,738  | 105,070 | 117,706 | 116,800 | 117,361 | 105,575 | 93,228  | 86,118  | 77,843  | 68,230  | 54,455  | 37,095 | 34,979  | 1/     | 6,492  |
| M                  | 772,776   | 83,614     | 67,244  | 55,528  | 47,652  | 51,469  | 57,940  | 57,930  | 59,391  | 54,452  | 48,574  | 44,802  | 40,426  | 36,027  | 28,498  | 19,085 | 17,143  | 1/     | 3,001  |
| F                  | 748,565   | 80,301     | 64,352  | 52,612  | 49,086  | 53,601  | 59,766  | 58,870  | 57,970  | 51,123  | 44,654  | 41,316  | 37,417  | 32,203  | 25,957  | 18,010 | 17,836  | 1/     | 3,491  |
| 1960               | 1,768,675 | 185,403    | 189,333 | 170,768 | 131,315 | 95,773  | 96,636  | 107,999 | 118,152 | 116,218 | 114,074 | 101,313 | 87,606  | 74,007  | 65,908  | 52,734 | 34,274  | 17,713 | 9,449  |
| M                  | 879,929   | 94,330     | 96,553  | 87,191  | 64,463  | 46,011  | 47,318  | 52,924  | 57,451  | 57,832  | 57,574  | 52,052  | 43,615  | 37,003  | 32,257  | 25,175 | 16,407  | 7,935  | 3,838  |
| F                  | 888,746   | 91,073     | 92,780  | 83,577  | 66,852  | 49,762  | 49,318  | 55,075  | 60,701  | 58,386  | 56,500  | 49,261  | 43,991  | 37,004  | 33,651  | 27,559 | 17,867  | 9,778  | 5,611  |
| 1970               | 2,091,385 | 164,060    | 194,345 | 211,284 | 203,362 | 162,638 | 138,978 | 115,599 | 107,832 | 117,950 | 124,395 | 118,996 | 110,739 | 94,408  | 75,601  | 60,321 | 44,263  | 27,900 | 18,714 |
| M                  | 1,023,952 | 83,836     | 99,274  | 107,664 | 100,952 | 75,549  | 68,827  | 57,764  | 52,738  | 57,790  | 60,407  | 58,563  | 54,576  | 45,809  | 35,886  | 26,956 | 18,946  | 11,249 | 7,166  |
| F                  | 1,067,433 | 80,224     | 95,071  | 103,620 | 102,410 | 87,089  | 70,151  | 57,835  | 55,094  | 60,160  | 63,988  | 60,433  | 56,163  | 48,599  | 39,715  | 33,365 | 25,317  | 16,651 | 11,548 |
| 1975               | 2,292,734 | 166,930    | 176,125 | 211,149 | 224,538 | 222,013 | 180,346 | 152,553 | 122,891 | 114,611 | 120,938 | 125,783 | 117,631 | 106,710 | 86,844  | 66,077 | 48,381  | 31,022 | 18,194 |
| M                  | 1,120,178 | 85,331     | 89,859  | 107,668 | 114,204 | 108,866 | 84,271  | 76,482  | 61,305  | 55,959  | 58,944  | 60,547  | 56,993  | 51,149  | 40,571  | 29,622 | 19,879  | 11,966 | 6,562  |
| F                  | 1,172,556 | 81,599     | 86,266  | 103,481 | 110,334 | 113,146 | 96,075  | 76,071  | 61,586  | 58,652  | 61,994  | 65,236  | 60,638  | 55,561  | 46,273  | 36,455 | 28,502  | 19,056 | 11,632 |
| 1977               | 2,396,100 | 179,795    | 175,649 | 206,981 | 228,350 | 236,061 | 202,618 | 169,247 | 135,742 | 119,006 | 170,417 | 126,533 | 121,162 | 110,794 | 91,997  | 69,983 | 50,500  | 32,445 | 18,020 |
| M                  | 1,170,016 | 91,918     | 89,616  | 105,526 | 116,468 | 117,110 | 95,706  | 83,323  | 67,909  | 58,406  | 58,661  | 60,810  | 58,223  | 52,781  | 42,734  | 31,216 | 20,649  | 12,298 | 6,642  |
| F                  | 1,226,084 | 87,877     | 86,033  | 101,455 | 111,882 | 118,951 | 106,912 | 85,924  | 67,833  | 60,600  | 61,756  | 65,723  | 62,939  | 58,013  | 49,263  | 38,767 | 29,831  | 20,147 | 12,178 |
| 1978               | 2,472,000 | 191,405    | 179,233 | 206,478 | 231,143 | 241,353 | 217,906 | 182,004 | 145,922 | 124,002 | 120,688 | 126,506 | 123,112 | 112,545 | 94,626  | 71,986 | 51,100  | 32,763 | 19,227 |
| M                  | 1,207,195 | 97,767     | 91,305  | 105,112 | 117,886 | 120,554 | 103,730 | 88,303  | 72,747  | 61,020  | 58,722  | 60,815  | 58,979  | 53,507  | 44,054  | 32,229 | 21,178  | 12,437 | 6,848  |
| F                  | 1,264,805 | 93,638     | 87,928  | 101,366 | 113,257 | 120,799 | 114,176 | 93,701  | 73,175  | 62,982  | 61,966  | 65,691  | 64,133  | 59,038  | 50,572  | 39,757 | 29,922  | 20,326 | 12,399 |
| 1979               | 2,544,000 | 204,020    | 181,640 | 202,110 | 231,490 | 247,390 | 233,900 | 192,190 | 155,310 | 129,100 | 121,090 | 126,300 | 125,540 | 114,600 | 97,810  | 74,920 | 52,920  | 33,700 | 19,970 |
| M                  | 1,241,920 | 104,170    | 92,600  | 102,900 | 117,910 | 124,010 | 113,070 | 92,090  | 77,590  | 63,850  | 58,890  | 60,800  | 59,910  | 54,180  | 45,280  | 33,200 | 21,880  | 12,590 | 7,000  |
| F                  | 1,302,080 | 99,850     | 89,040  | 99,210  | 113,580 | 123,380 | 120,830 | 100,100 | 77,720  | 65,250  | 62,200  | 65,500  | 65,630  | 60,420  | 52,530  | 41,720 | 31,040  | 21,110 | 12,970 |
| 1980               | 2,532,663 | 197,951    | 189,293 | 202,546 | 225,814 | 237,788 | 253,472 | 227,565 | 170,694 | 133,101 | 119,249 | 124,344 | 129,806 | 117,676 | 105,165 | 79,367 | 55,327  | 34,994 | 28,431 |
| M                  | 1,296,355 | 101,815    | 96,965  | 103,594 | 114,690 | 117,800 | 126,867 | 115,071 | 86,047  | 67,073  | 58,948  | 60,356  | 62,001  | 56,031  | 49,287  | 35,404 | 22,747  | 12,802 | 8,857  |
| F                  | 1,336,308 | 96,136     | 92,328  | 98,952  | 111,124 | 119,988 | 126,605 | 112,494 | 84,647  | 66,028  | 60,301  | 63,988  | 67,885  | 61,645  | 55,878  | 43,963 | 32,580  | 22,192 | 19,574 |
| 1981               | 2,660,435 | 203,594    | 184,616 | 203,543 | 217,750 | 234,053 | 252,725 | 241,926 | 179,636 | 140,523 | 118,937 | 122,571 | 128,335 | 119,708 | 107,390 | 83,548 | 56,478  | 36,576 | 28,526 |
| M                  | 1,310,480 | 104,334    | 94,477  | 104,341 | 111,275 | 115,874 | 126,043 | 122,079 | 90,690  | 70,811  | 59,188  | 59,493  | 61,398  | 56,675  | 50,396  | 37,441 | 23,405  | 13,444 | 9,116  |
| F                  | 1,349,955 | 99,260     | 90,139  | 99,202  | 106,475 | 118,179 | 126,682 | 119,847 | 80,946  | 69,712  | 59,749  | 63,078  | 66,937  | 63,033  | 56,994  | 46,107 | 33,073  | 23,132 | 19,410 |
| 1982               | 2,656,185 | 205,442    | 184,989 | 200,663 | 214,621 | 225,266 | 245,516 | 240,579 | 191,815 | 145,302 | 119,328 | 118,393 | 124,286 | 121,205 | 108,828 | 87,242 | 122,710 | 2/     | -      |
| M                  | 1,308,018 | 104,536    | 94,896  | 102,787 | 110,004 | 112,537 | 121,444 | 121,229 | 94,778  | 73,205  | 59,541  | 57,526  | 59,397  | 57,238  | 50,920  | 39,287 | 46,693  | 2/     | -      |
| F                  | 1,348,167 | 100,906    | 90,093  | 97,876  | 104,617 | 112,729 | 124,072 | 119,350 | 95,037  | 72,097  | 59,787  | 60,867  | 64,889  | 63,967  | 57,908  | 47,955 | 76,017  | 2/     | -      |
| 1983               | 2,634,993 | 200,502    | 185,101 | 195,306 | 208,383 | 221,102 | 233,950 | 236,452 | 197,788 | 150,869 | 119,798 | 113,707 | 119,496 | 121,107 | 110,442 | 90,061 | 130,929 | 2/     | -      |
| M                  | 1,292,711 | 102,231    | 95,121  | 99,869  | 106,267 | 110,629 | 115,627 | 118,621 | 99,538  | 75,798  | 59,704  | 55,279  | 57,032  | 56,925  | 51,386  | 40,321 | 48,363  | 2/     | -      |
| F                  | 1,342,282 | 98,271     | 89,980  | 95,437  | 102,116 | 110,473 | 116,323 | 117,831 | 90,250  | 75,071  | 60,094  | 58,428  | 62,464  | 64,182  | 59,056  | 49,740 | 82,566  | 2/     | -      |
| 1984               | 2,660,000 | 201,561    | 189,002 | 189,940 | 203,518 | 224,882 | 227,497 | 240,883 | 208,395 | 159,323 | 124,516 | 113,420 | 118,076 | 110,774 | 111,029 | 93,393 | 135,791 | 2/     | -      |
| M                  | 1,307,023 | 102,591    | 97,255  | 97,250  | 103,737 | 113,484 | 112,302 | 120,975 | 105,194 | 80,218  | 62,374  | 55,513  | 56,574  | 55,671  | 51,445  | 41,826 | 50,614  | 2/     | -      |
| F                  | 1,352,977 | 98,970     | 91,747  | 92,690  | 99,781  | 111,396 | 115,195 | 119,908 | 103,201 | 79,105  | 62,142  | 57,907  | 61,502  | 63,103  | 59,584  | 51,567 | 85,177  | 2/     | -      |

1/ Includes ages 75-84.

2/ Includes ages 75 and over.

1950, 1960, 1970, 1980 are U.S. Census. All others are estimates provided by Center for Population Research and Census, Portland State University.

TABLE 78. PRELIMINARY ESTIMATES OF 5 YEAR AGE GROUPS BY SEX, OREGON AND ITS COUNTIES; JULY 1, 1984.

|            | TOTAL<br>0-4 | Male<br>0-4 | Female<br>0-4 | TOTAL<br>5-9 | Male<br>5-9 | Female<br>5-9 | TOTAL<br>10-14 | Male<br>10-14 | Female<br>10-14 | TOTAL<br>15-19 | Male<br>15-19 | Female<br>15-19 |
|------------|--------------|-------------|---------------|--------------|-------------|---------------|----------------|---------------|-----------------|----------------|---------------|-----------------|
| BAKER      | 1161         | 599         | 562           | 1068         | 587         | 481           | 1144           | 583           | 561             | 1251           | 691           | 560             |
| BENTON     | 4351         | 2310        | 2041          | 4078         | 2106        | 1972          | 4054           | 2012          | 2042            | 7817           | 4035          | 3782            |
| CLACKAMAS  | 17792        | 9196        | 8596          | 18267        | 9328        | 8939          | 20506          | 10484         | 10022           | 21942          | 11161         | 10781           |
| CLATSOP    | 2422         | 1257        | 1165          | 2305         | 1189        | 1116          | 2213           | 1134          | 1079            | 2200           | 1109          | 1091            |
| COLUMBIA   | 2651         | 1316        | 1335          | 2931         | 1436        | 1495          | 3099           | 1577          | 1522            | 3229           | 1648          | 1581            |
| COOS       | 4322         | 2203        | 2119          | 4314         | 2200        | 2114          | 4443           | 2322          | 2121            | 4635           | 2412          | 2223            |
| CROOK      | 1070         | 576         | 494           | 1015         | 513         | 502           | 1044           | 517           | 527             | 1025           | 525           | 500             |
| CURRY      | 1065         | 555         | 510           | 1052         | 527         | 525           | 1025           | 530           | 495             | 1241           | 616           | 625             |
| DESCHUTES  | 5211         | 2711        | 2500          | 4863         | 2506        | 2357          | 5112           | 2625          | 2487            | 5024           | 2567          | 2457            |
| DOUGLAS    | 7001         | 3459        | 3542          | 7265         | 3758        | 3507          | 7433           | 3775          | 3658            | 7465           | 3860          | 3605            |
| GILLIAM    | 140          | 64          | 76            | 132          | 67          | 65            | 107            | 58            | 49              | 134            | 61            | 73              |
| GRANT      | 604          | 311         | 293           | 605          | 311         | 294           | 605            | 298           | 307             | 629            | 329           | 300             |
| HARNEY     | 514          | 259         | 255           | 583          | 316         | 267           | 588            | 303           | 285             | 589            | 293           | 296             |
| HOOD RIVER | 1318         | 617         | 701           | 1212         | 596         | 616           | 1135           | 605           | 530             | 1186           | 607           | 579             |
| JACKSON    | 9871         | 4969        | 4882          | 9530         | 4837        | 4693          | 10130          | 5180          | 4950            | 10460          | 5396          | 5064            |
| JEFFERSON  | 1262         | 653         | 609           | 1035         | 539         | 496           | 1019           | 528           | 491             | 1122           | 583           | 532             |
| JOSEPHINE  | 4121         | 2111        | 2010          | 4211         | 2191        | 2020          | 4380           | 2318          | 2062            | 4610           | 2325          | 2285            |
| KLAMATH    | 4356         | 2175        | 2181          | 4328         | 2304        | 2024          | 4615           | 2402          | 2213            | 4601           | 2332          | 2269            |
| LAKE       | 596          | 300         | 296           | 595          | 307         | 288           | 601            | 284           | 317             | 595            | 318           | 277             |
| LANE       | 19336        | 9926        | 9410          | 18867        | 9762        | 9105          | 18817          | 9715          | 9102            | 21876          | 10854         | 11022           |
| LINCOLN    | 2597         | 1332        | 1265          | 2283         | 1168        | 1115          | 2143           | 1083          | 1060            | 2326           | 1168          | 1158            |
| LINN       | 6659         | 3455        | 3204          | 6659         | 3411        | 3248          | 7011           | 3605          | 3406            | 7273           | 3701          | 3572            |
| MALHEUR    | 2355         | 1174        | 1181          | 2292         | 1195        | 1097          | 2201           | 1108          | 1093            | 2274           | 1162          | 1112            |
| MARION     | 17173        | 8697        | 8476          | 15354        | 7951        | 7603          | 14829          | 7611          | 7218            | 15599          | 7998          | 7601            |
| MORROW     | 676          | 352         | 324           | 672          | 358         | 314           | 644            | 335           | 309             | 635            | 322           | 313             |
| MULTNOMAH  | 41744        | 21288       | 20456         | 35098        | 18138       | 16960         | 32761          | 16648         | 16113           | 34293          | 17398         | 16895           |
| POLK       | 3319         | 1676        | 1643          | 3264         | 1718        | 1546          | 3316           | 1726          | 1590            | 3564           | 1874          | 1690            |
| SHERMAN    | 170          | 92          | 78            | 178          | 86          | 92            | 160            | 86            | 74              | 196            | 93            | 103             |
| TILLAMOOK  | 1614         | 749         | 865           | 1541         | 797         | 744           | 1429           | 738           | 691             | 1557           | 789           | 768             |
| UNATILLA   | 5228         | 2620        | 2608          | 5018         | 2572        | 2446          | 4671           | 2282          | 2389            | 4662           | 2337          | 2325            |
| UNION      | 2068         | 1081        | 987           | 2029         | 1075        | 954           | 2043           | 1048          | 995             | 2007           | 1063          | 944             |
| WALLOWA    | 661          | 343         | 318           | 558          | 293         | 265           | 552            | 259           | 293             | 576            | 316           | 260             |
| WASCO      | 1683         | 817         | 866           | 1702         | 916         | 786           | 1703           | 896           | 807             | 1733           | 866           | 867             |
| WASHINGTON | 21405        | 10774       | 10631         | 19182        | 9790        | 9392          | 19826          | 10211         | 9615            | 20519          | 10569         | 9950            |
| WHEELER    | 75           | 30          | 45            | 87           | 39          | 48            | 100            | 34            | 46              | 111            | 56            | 55              |
| YAMHILL    | 4970         | 2524        | 2446          | 4629         | 2368        | 2261          | 4481           | 2310          | 2171            | 4562           | 2303          | 2259            |
| STATE      | 201561       | 102591      | 98970         | 189002       | 97255       | 91747         | 189940         | 97250         | 92690           | 203518         | 103737        | 99781           |

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TABLE 78. Continued, 1984.

|            | TOTAL<br>20-24 | Male<br>20-24 | Female<br>20-24 | TOTAL<br>25-29 | Male<br>25-29 | Female<br>25-29 | TOTAL<br>30-34 | Male<br>30-34 | Female<br>30-34 | TOTAL<br>35-39 | Male<br>35-39 | Female<br>35-39 |
|------------|----------------|---------------|-----------------|----------------|---------------|-----------------|----------------|---------------|-----------------|----------------|---------------|-----------------|
| BAKER      | 1224           | 631           | 593             | 1019           | 517           | 502             | 1171           | 588           | 583             | 1043           | 517           | 526             |
| BENTON     | 11615          | 6265          | 5350            | 6671           | 3577          | 3094            | 6194           | 3280          | 2914            | 4647           | 2371          | 2276            |
| CLACKANAS  | 19807          | 10308         | 9499            | 16347          | 8034          | 8313            | 20232          | 9803          | 10489           | 21285          | 10323         | 10962           |
| CLATSOP    | 2944           | 1465          | 1479            | 2775           | 1414          | 1361            | 2824           | 1468          | 1356            | 2295           | 1218          | 1077            |
| COLUMBIA   | 2837           | 1466          | 1371            | 2404           | 1141          | 1263            | 2921           | 1476          | 1445            | 2874           | 1422          | 1452            |
| COOS       | 4937           | 2538          | 2399            | 4558           | 2191          | 2367            | 4908           | 2442          | 2466            | 4298           | 2167          | 2131            |
| CROOK      | 940            | 465           | 475             | 890            | 451           | 439             | 928            | 442           | 486             | 892            | 432           | 460             |
| CURRY      | 1176           | 605           | 571             | 1117           | 573           | 544             | 1232           | 617           | 615             | 1060           | 530           | 530             |
| DESCHUTES  | 4773           | 2427          | 2346            | 4959           | 2384          | 2575            | 5921           | 2972          | 2949            | 5216           | 2666          | 2550            |
| DOUGLAS    | 7462           | 3865          | 3597            | 6733           | 3300          | 3433            | 6985           | 3418          | 3567            | 6524           | 3297          | 3227            |
| GILLIAM    | 156            | 82            | 74              | 143            | 76            | 67              | 141            | 73            | 68              | 125            | 67            | 58              |
| GRANT      | 610            | 310           | 300             | 565            | 274           | 291             | 658            | 341           | 317             | 552            | 286           | 266             |
| HARNEY     | 574            | 311           | 263             | 549            | 257           | 292             | 591            | 309           | 282             | 522            | 265           | 257             |
| HOOD RIVER | 1299           | 697           | 602             | 1333           | 704           | 629             | 1373           | 738           | 635             | 1248           | 654           | 594             |
| JACKSON    | 11083          | 5654          | 5429            | 10423          | 5122          | 5301            | 11201          | 5587          | 5614            | 10263          | 5153          | 5110            |
| JEFFERSON  | 1023           | 542           | 481             | 872            | 446           | 426             | 901            | 461           | 440             | 807            | 384           | 423             |
| JOSEPHINE  | 4463           | 2240          | 2223            | 3696           | 1738          | 1958            | 4430           | 2106          | 2324            | 4341           | 2146          | 2195            |
| KLAMATH    | 5076           | 2686          | 2390            | 4542           | 2338          | 2204            | 4830           | 2403          | 2427            | 4275           | 2181          | 2094            |
| LAKE       | 563            | 291           | 272             | 545            | 279           | 266             | 624            | 316           | 308             | 493            | 251           | 242             |
| LANE       | 26033          | 12783         | 13250           | 26290          | 13029         | 13261           | 25274          | 13060         | 12214           | 21140          | 10869         | 10271           |
| LINCOLN    | 2695           | 1420          | 1275            | 2804           | 1355          | 1449            | 3217           | 1599          | 1618            | 2704           | 1389          | 1315            |
| LINN       | 7514           | 3772          | 3742            | 7157           | 3516          | 3641            | 7765           | 3868          | 3897            | 6560           | 3330          | 3230            |
| MALHEUR    | 2483           | 1285          | 1198            | 1991           | 1004          | 987             | 2015           | 972           | 1043            | 1740           | 868           | 872             |
| MARION     | 17836          | 9245          | 8591            | 18328          | 9351          | 8977            | 18365          | 9357          | 9008            | 15567          | 7918          | 7649            |
| MORROW     | 581            | 323           | 258             | 587            | 287           | 300             | 602            | 318           | 284             | 499            | 257           | 242             |
| MULTNOMAH  | 44379          | 21638         | 22741           | 57572          | 28037         | 29535           | 60299          | 30556         | 29743           | 46310          | 23829         | 22481           |
| POLK       | 3974           | 1817          | 2157            | 3857           | 1848          | 2009            | 3702           | 1809          | 1893            | 3362           | 1653          | 1709            |
| SHERMAN    | 154            | 75            | 79              | 144            | 64            | 60              | 178            | 97            | 81              | 142            | 68            | 74              |
| TILLAMOOK  | 1588           | 817           | 771             | 1520           | 759           | 761             | 1839           | 960           | 879             | 1497           | 759           | 738             |
| UMATILLA   | 4932           | 2513          | 2419            | 4989           | 2446          | 2543            | 5095           | 2608          | 2487            | 4264           | 2188          | 2076            |
| UNION      | 2161           | 1064          | 1097            | 2037           | 999           | 1038            | 2009           | 994           | 1015            | 1739           | 886           | 853             |
| WALLOWA    | 530            | 285           | 245             | 491            | 244           | 247             | 620            | 315           | 305             | 451            | 237           | 214             |
| WASCO      | 1678           | 835           | 843             | 1563           | 751           | 812             | 1861           | 943           | 918             | 1613           | 795           | 818             |
| WASHINGTON | 20546          | 10149         | 10397           | 23363          | 11458         | 11905           | 25426          | 12438         | 12988           | 23985          | 11836         | 12149           |
| WHEELER    | 115            | 64            | 51              | 69             | 37            | 32              | 80             | 38            | 42              | 90             | 42            | 48              |
| YANHILL    | 5121           | 2551          | 2570            | 4594           | 2281          | 2313            | 4411           | 2203          | 2208            | 3972           | 1940          | 2032            |
| STATE      | 224882         | 113484        | 111398          | 227497         | 112302        | 115195          | 240883         | 120975        | 119908          | 208395         | 105194        | 103201          |

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TABLE 78. Continued, 1984.

|            | TOTAL<br>40-44 | Male<br>40-44 | Female<br>40-44 | TOTAL<br>45-49 | Male<br>45-49 | Female<br>45-49 | TOTAL<br>50-54 | Male<br>50-54 | Female<br>50-54 | TOTAL<br>55-59 | Male<br>55-59 | Female<br>55-59 |
|------------|----------------|---------------|-----------------|----------------|---------------|-----------------|----------------|---------------|-----------------|----------------|---------------|-----------------|
| BAKER      | 937            | 450           | 487             | 813            | 410           | 403             | 781            | 396           | 385             | 794            | 385           | 409             |
| BENTON     | 3601           | 1802          | 1799            | 2773           | 1385          | 1388            | 2387           | 1173          | 1214            | 2280           | 1102          | 1178            |
| CLACKANAS  | 17859          | 8958          | 8901            | 13337          | 6734          | 6603            | 11379          | 5720          | 5659            | 11284          | 5485          | 5799            |
| CLATSOP    | 1806           | 905           | 901             | 1425           | 715           | 710             | 1302           | 640           | 662             | 1503           | 728           | 775             |
| COLUMBIA   | 2331           | 1207          | 1124            | 1782           | 926           | 856             | 1601           | 801           | 800             | 1619           | 786           | 833             |
| COOS       | 3611           | 1794          | 1817            | 3120           | 1553          | 1567            | 2913           | 1430          | 1483            | 3007           | 1463          | 1544            |
| CROOK      | 745            | 389           | 356             | 641            | 338           | 303             | 588            | 283           | 305             | 578            | 294           | 284             |
| CURRY      | 943            | 464           | 479             | 803            | 376           | 427             | 796            | 400           | 396             | 964            | 475           | 489             |
| DESCHUTES  | 3963           | 1991          | 1972            | 2997           | 1544          | 1453            | 2557           | 1276          | 1281            | 2507           | 1192          | 1315            |
| DOUGLAS    | 5258           | 2570          | 2688            | 4413           | 2186          | 2227            | 4327           | 2110          | 2217            | 4312           | 2139          | 2173            |
| GILLIAN    | 88             | 36            | 52              | 104            | 57            | 47              | 114            | 49            | 65              | 108            | 52            | 56              |
| GRANT      | 488            | 262           | 226             | 456            | 216           | 240             | 393            | 203           | 190             | 388            | 194           | 194             |
| HARNEY     | 454            | 245           | 209             | 398            | 215           | 183             | 350            | 172           | 178             | 350            | 178           | 172             |
| HOOD RIVER | 949            | 489           | 460             | 792            | 414           | 378             | 804            | 375           | 429             | 781            | 398           | 383             |
| JACKSON    | 8194           | 4083          | 4111            | 6523           | 3297          | 3226            | 5812           | 2883          | 2929            | 6041           | 2922          | 3119            |
| JEFFERSON  | 664            | 339           | 326             | 607            | 295           | 312             | 527            | 266           | 261             | 534            | 255           | 279             |
| JOSEPHINE  | 3647           | 1792          | 1855            | 2883           | 1432          | 1451            | 2705           | 1304          | 1401            | 2869           | 1349          | 1520            |
| KLAMATH    | 3337           | 1692          | 1645            | 2861           | 1437          | 1424            | 2719           | 1331          | 1388            | 2776           | 1381          | 1395            |
| LAKE       | 451            | 237           | 214             | 403            | 202           | 201             | 393            | 179           | 214             | 414            | 212           | 202             |
| LANE       | 16016          | 8051          | 7965            | 11871          | 5950          | 5921            | 10500          | 5101          | 5399            | 10803          | 5183          | 5620            |
| LINCOLN    | 1993           | 1017          | 976             | 1693           | 856           | 837             | 1726           | 811           | 915             | 2002           | 937           | 1065            |
| LINN       | 5416           | 2681          | 2735            | 4314           | 2140          | 2174            | 3896           | 1927          | 1969            | 3923           | 1856          | 2067            |
| MALHEUR    | 1425           | 682           | 743             | 1261           | 627           | 634             | 1262           | 583           | 679             | 1388           | 667           | 721             |
| MARION     | 11998          | 6044          | 5954            | 9519           | 4791          | 4728            | 8671           | 4146          | 4525            | 8748           | 4117          | 4631            |
| MORROW     | 434            | 216           | 218             | 396            | 209           | 187             | 345            | 168           | 177             | 349            | 178           | 171             |
| MULTNOMAH  | 30989          | 15803         | 15186           | 23911          | 11764         | 12147           | 22982          | 11147         | 11835           | 26141          | 12351         | 13790           |
| POLK       | 2568           | 1293          | 1275            | 2125           | 1033          | 1092            | 1968           | 970           | 998             | 1902           | 906           | 996             |
| SHERMAN    | 104            | 56            | 48              | 97             | 47            | 50              | 102            | 48            | 54              | 143            | 70            | 73              |
| TILLAMOOK  | 1158           | 582           | 576             | 982            | 499           | 483             | 1007           | 471           | 536             | 1181           | 577           | 604             |
| UNATILLA   | 3297           | 1675          | 1622            | 2832           | 1418          | 1414            | 2631           | 1311          | 1320            | 2864           | 1370          | 1494            |
| UNION      | 1443           | 722           | 721             | 1120           | 561           | 559             | 999            | 498           | 501             | 1012           | 499           | 513             |
| WALLOWA    | 414            | 207           | 207             | 373            | 189           | 184             | 390            | 195           | 195             | 387            | 179           | 208             |
| WASCO      | 1313           | 672           | 641             | 1067           | 545           | 522             | 1004           | 475           | 529             | 1092           | 486           | 606             |
| WASHINGTON | 18061          | 9111          | 8950            | 13292          | 6722          | 6570            | 11013          | 5464          | 5549            | 10609          | 5068          | 5541            |
| WHEELER    | 88             | 44            | 44              | 66             | 30            | 36              | 84             | 42            | 42              | 82             | 42            | 40              |
| YANIHILL   | 3280           | 1658          | 1622            | 2466           | 1261          | 1205            | 2392           | 1165          | 1227            | 2341           | 1098          | 1243            |
| STATE      | 159323         | 80218         | 79105           | 124516         | 62374         | 62142           | 113420         | 55513         | 57907           | 118076         | 56574         | 61502           |

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TABLE 78. Continued, 1984.

|            | TOTAL<br>60-64 | Male<br>60-64 | Female<br>60-64 | TOTAL<br>65-69 | Male<br>65-69 | Female<br>65-69 | TOTAL<br>70-74 | Male<br>70-74 | Female<br>70-74 | TOTAL<br>75+ | Male<br>75+ | Female<br>75+ |
|------------|----------------|---------------|-----------------|----------------|---------------|-----------------|----------------|---------------|-----------------|--------------|-------------|---------------|
| BAKER      | 794            | 382           | 412             | 866            | 405           | 461             | 766            | 357           | 409             | 1168         | 479         | 689           |
| BENTON     | 2269           | 1063          | 1206            | 1908           | 919           | 989             | 1457           | 628           | 829             | 2398         | 840         | 1558          |
| CLACKANAS  | 10490          | 5014          | 5476            | 8708           | 4100          | 4608            | 6981           | 3164          | 3817            | 10024        | 3587        | 6437          |
| CLATSOP    | 1634           | 747           | 887             | 1674           | 764           | 910             | 1450           | 651           | 799             | 2128         | 817         | 1311          |
| COLUMBIA   | 1634           | 799           | 835             | 1443           | 702           | 741             | 1154           | 536           | 618             | 1690         | 709         | 981           |
| COOS       | 2929           | 1404          | 1525            | 3136           | 1552          | 1584            | 2558           | 1165          | 1393            | 3311         | 1365        | 1946          |
| CROOK      | 638            | 280           | 358             | 713            | 340           | 373             | 634            | 297           | 337             | 659          | 286         | 373           |
| CURRY      | 1092           | 495           | 597             | 1272           | 617           | 655             | 1128           | 539           | 589             | 1134         | 524         | 610           |
| DESCHUTES  | 2689           | 1242          | 1447            | 3061           | 1482          | 1579            | 2636           | 1263          | 1373            | 2511         | 1078        | 1433          |
| DOUGLAS    | 4187           | 2054          | 2133            | 4238           | 2068          | 2170            | 3499           | 1659          | 1840            | 4298         | 1803        | 2495          |
| GILLIAM    | 123            | 62            | 61              | 107            | 54            | 53              | 105            | 51            | 54              | 123          | 61          | 62            |
| GRANT      | 373            | 179           | 194             | 384            | 192           | 192             | 301            | 148           | 153             | 439          | 191         | 248           |
| HARNEY     | 330            | 164           | 166             | 282            | 145           | 137             | 213            | 110           | 103             | 363          | 154         | 209           |
| HOOD RIVER | 810            | 385           | 425             | 719            | 343           | 376             | 607            | 293           | 314             | 834          | 338         | 496           |
| JACKSON    | 6217           | 2985          | 3232            | 6431           | 3103          | 3328            | 5623           | 2632          | 2991            | 7298         | 2936        | 4362          |
| JEFFERSON  | 513            | 261           | 252             | 483            | 239           | 244             | 429            | 211           | 218             | 402          | 180         | 222           |
| JOSEPHINE  | 3295           | 1507          | 1788            | 3566           | 1691          | 1875            | 3223           | 1486          | 1737            | 3860         | 1573        | 2287          |
| KLAMATH    | 2708           | 1308          | 1400            | 2464           | 1204          | 1260            | 2070           | 1000          | 1070            | 2642         | 1098        | 1544          |
| LAKE       | 379            | 200           | 179             | 341            | 179           | 162             | 247            | 132           | 115             | 360          | 148         | 212           |
| LANE       | 10732          | 4987          | 5745            | 10660          | 4923          | 5737            | 8624           | 3939          | 4685            | 11661        | 4416        | 7245          |
| LINCOLN    | 2411           | 1086          | 1325            | 2296           | 1069          | 1227            | 1952           | 913           | 1039            | 2458         | 1041        | 1417          |
| LINN       | 4151           | 1986          | 2165            | 3916           | 1800          | 2116            | 3307           | 1543          | 1764            | 4379         | 1722        | 2657          |
| HALHEUR    | 1246           | 590           | 656             | 1288           | 640           | 648             | 1073           | 529           | 544             | 1506         | 608         | 898           |
| MARION     | 8784           | 4080          | 4704            | 8927           | 3988          | 4939            | 8041           | 3447          | 4594            | 12061        | 4432        | 7629          |
| MORROW     | 299            | 148           | 151             | 268            | 137           | 131             | 225            | 114           | 111             | 288          | 126         | 162           |
| MULTNOMAH  | 27218          | 12462         | 14756           | 23607          | 10370         | 13237           | 19859          | 8290          | 11569           | 35137        | 11503       | 23634         |
| POLK       | 1938           | 909           | 1029            | 1877           | 873           | 1004            | 1573           | 683           | 890             | 2691         | 1002        | 1689          |
| SHERMAN    | 122            | 64            | 58              | 124            | 64            | 60              | 85             | 37            | 48              | 101          | 44          | 57            |
| TILLAMOOK  | 1286           | 604           | 682             | 1284           | 594           | 690             | 1117           | 527           | 590             | 1400         | 604         | 796           |
| UNATILLA   | 2732           | 1281          | 1451            | 2395           | 1166          | 1229            | 2005           | 936           | 1069            | 2985         | 1157        | 1828          |
| UNION      | 932            | 444           | 488             | 1001           | 462           | 539             | 916            | 439           | 477             | 1284         | 510         | 774           |
| WALLOWA    | 383            | 187           | 196             | 365            | 173           | 192             | 297            | 132           | 165             | 502          | 221         | 281           |
| WASCO      | 1145           | 564           | 581             | 1051           | 491           | 560             | 948            | 428           | 520             | 1344         | 540         | 804           |
| WASHINGTON | 9921           | 4650          | 5271            | 7726           | 3466          | 4260            | 6284           | 2642          | 3642            | 9042         | 3238        | 5804          |
| WHEELER    | 77             | 35            | 42              | 94             | 52            | 42              | 68             | 33            | 35              | 114          | 56          | 58            |
| YAMHILL    | 2293           | 1063          | 1230            | 2354           | 1078          | 1276            | 1938           | 872           | 1066            | 3196         | 1227        | 1969          |
| STATE      | 118774         | 55671         | 63103           | 111029         | 51445         | 59584           | 93393          | 41826         | 51567           | 135791       | 50614       | 85177         |

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# TECHNICAL NOTES

## THE COLLECTION OF VITAL RECORDS

The presentation of data in the book is only the final stage of a long process. The prompt and accurate recording of vital events is a complicated community service which receives little public recognition until an individual finds he or she has need of the records or the information they contain. The registration system serves two purposes. First, these vital documents are collected, kept safe, and made available to individuals and their families when needed for documentation of the events in which they were personally involved. Second, our complex society has a need to know about health and social changes occurring in our state. Vital Statistics has frequently been called "the eyes and ears of public health". In fact, it is the only organized system of health records covering the entire population. The collection is a highly cooperative endeavor in which a great many people play an important part.

### PROVIDERS OF SERVICES

The providers of the services associated with vital events are the first people involved in the collection system. The birth attendant is responsible for completing both the legal document and the confidential, statistical section of the birth certificate. The death and fetal death certificate must be filed by the funeral director or person who first assumes responsibility for the body. A physician completes the medical portion of these death certificates, except in the case of found bodies and unnatural deaths, which are certified by the medical examiner. Hospital medical-records personnel also play an important role in assuring that all certificates are completed and accurate. These service providers then file the completed certificates with the county registrars in the county where the event occurred. Abortions and communicable diseases are treated differently. The providers of induced abortions file the completed statistical reports (which contain no identifying information) directly with the State Registrar. Physicians report cases of communicable diseases to the Disease Monitoring and Control section of the Health Division.

### COUNTY OFFICIALS

The county registrars play an important role in assuring the completion and accuracy of the birth, death, and fetal death registration. They check the certificates against other sources of information to make certain no events are missed. They also follow-up any incomplete items before sending the certificates to the State Registrar at the Center for Health Statistics. The county clerks perform a similar function for marriage and divorce certificates.

CENTER FOR  
HEALTH  
STATISTICS

At the state level, the staff of the Center for Health Statistics perform additional completeness and accuracy checks. A field representative makes contacts with providers and county registrars, and clerical staff send letters seeking additional information about causes of death, birthweight, and the status of very small babies. Coders and data entry personnel turn the information into computerized data, while microfilers store the certificates so that certified copies can be made. The computerized statistical data is then retrieved by programmers, analyzed by researchers, and made available for demographic and public health needs.

OTHER STATES

Events relating to Oregon residents which occurred in another state are included in this report. The Centers for Health Statistics in each U.S. state and the Provinces of Canada have traditionally agreed to send copies of birth, death and fetal death certificates to the locality where the individual usually resided. A cooperative agreement is also in place for reports on induced termination of pregnancy (abortion), however, some states collect no resident information on these reports and can not participate in the exchange. There is no exchange program for marriage and divorce certificates.

Who among all these people is the vital recorder? The answer is -- all of them. The invisible person who records the major life events of our population is really many people who have all played important roles in presenting this report.



## HOW TO BE A VITAL STATISTICIAN

This book presents vital statistics and highlights a number of important demographic and public health changes. But the possible uses of vital statistics are endless. Data users are as diverse as a public-health official evaluating a program using death data, a demographer projecting school enrollments with birth data, and a business person deciding to open a formal-wear shop based on marriage data. Many of these users have a thorough knowledge of statistics. But others find the entire subject-matter confusing and intimidating. For either group a misunderstanding of what vital statistics mean or an incorrectly used comparison can lead to wrong conclusions. Therefore, this section is included to provide an overview of how to use vital statistics. It is addressed to the person looking at vital events for the first time, but the experienced user may also find a review helpful. Additional information about specific events is provided at the beginning of each section.

### STEP 1: FINDING THE CORRECT NUMBER

The first step is to determine how many of a particular vital event took place during the year. This involves asking two questions:

Which event or events are appropriate?

DEATHS  
INFANT DEATHS  
NEONATAL DEATHS  
POST-NEONATAL DEATHS  
FETAL DEATHS  
LOW BIRTH WEIGHT INFANTS  
PREGNANCIES  
INDUCED ABORTIONS  
MARRIAGES  
ANNULMENTS  
DIVORCES

This may not be as simple as it sounds. For one thing, examining more than one type of event may be required. For example, a researcher who is concerned with teenage pregnancies will have to consider abortions and fetal deaths, not simply the number of births.

Deciding which events to use is important since sometimes the choice of one event over another can lead to vastly different conclusions. Consider the researcher who asks, "Have we reduced the likelihood of death for babies?" Selecting neonatal deaths (babies who die before they are 28 days old) suggests the answer is yes. But selecting post-neonatal deaths (those between 28 days and one year) suggests no.

To determine which events are appropriate, read the introductions to each of the sections in this report. They contain suggestions, explanations, and some examples of how to interpret the figures.



### What is the correct population?

The vital events do not usually occur in individual's homes, which leads to an interesting problem in geography. Vital events are usually reported two ways:

#### OCCURRENCE

means that the event (the death, birth, marriage, etc.) actually took place in the geographic region indicated (either Oregon or a particular county). The person participating in the event may have lived in Timbuktu.

#### RESIDENCE

means that the person involved in the event lived in the geographic region mentioned, but the event itself may have taken place anywhere in the United States or Canada. In other words, a resident of Marion county who died in an accident while on vacation in Michigan has been added to the Marion county resident death figure.

Choosing the appropriate population is important. Occurrence birth data is more relevant to a hospital planner who is deciding to expand or contract delivery services. But residence birth data should be the choice for projecting school enrollment. When in doubt about which population to use, resident figures are usually the best choice. Most birth and death data are published by residence, which means that comparisons with other states or the United States as a whole will be easier. Exceptions to this rule are listed in the individual sections.

Once the right event and the right population have been determined, the statistician can find the correct figures in the table(s) in this book. If the needed table is not listed, contact the Center for Health Statistics for more information.

### STEP 2: MAKING THE NUMBER MEANINGFUL WITH RATES AND RATIOS

In many instances simply knowing the number of events which occurred is not sufficient. A Bradford Hill expressed this important statistical concept:

"It is well recognized that white sheep eat more than black sheep-- because there are more of them."

In other words, it is the probability of the event which is important. We know more people died in Multnomah county than in Wheeler county, but is the likelihood of dying really different?

In order to answer this question, statisticians calculate rates. This means that the number of events which occurred are compared to the population for which that event could have occurred, and the figure is then standardized to some number (such as 1,000 or 100,000) for convenience.

Here is an example:

$$\text{CRUDE DEATH RATE} = \frac{\text{DEATHS}}{\text{POPULATION}} \times 1,000$$

the number of people who could have died      a number picked by vital statisticians to eliminate decimal points

The more specifically a statistician can define the "population at risk" (the bottom part of the rate), the more meaningful the rate is. For example, the crude birth rate, which compares the number of births to the population, is not nearly as informative as the fertility rate. This second rate uses only the number of women of childbearing age (15-44) for comparative purposes and is therefore less distorted by quirks in the population distribution. (The turn of the century notion that only married women between the age of 15 and 44 would be considered at risk of pregnancy has been abandoned for obvious reasons.) The importance of being specific about the population at risk is explained in Step 3.

Unfortunately we do not always have the correct number for the bottom part of the equation. In these situations a substitute is used. For example, how many people are at risk of getting divorced? The number of married people is only available for census years. As a substitute, the crude divorce rate is calculated using the total population regardless of marital status. In other situations, the event is simply compared to another related number to create a ratio. For instance, the abortion ratio compares the number of abortions to the number of births. This is easier and more accurate than trying to determine the true denominator, which is the total number of pregnant women.

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When calculating rates and ratios, great care must be taken to make certain that the same time periods, the same geographical boundaries, and the same population are used in the top and bottom parts of the equation.

---

### STEP 3: COMPARING PLACES, TIME PERIODS, AND CATEGORIES

In many situations, the vital statistician's goal is to compare two or more numbers for different geographical areas, different time periods, or different categories such as men versus women. But comparing rates and ratios introduces some new problems which must not be overlooked.

#### Changes in measurement

The first problem is that the measures being compared are not always the same. Definitions, population estimates, certificates, and coding procedures change from time to time as the need arises. This can create "artificial" differences and can disguise "real" differences. The cause-of-death item provides an excellent example of changes in comparability:

During the late 1970's approximately 80 to 85 people died each year due to hypertensive disease.

RATE = 3.3 PER 100,000 POPULATION

In 1979, 250 people died from this cause.

RATE = 9.8

The explanation for the difference in 1979 is not that the incidence of hypertensive heart disease deaths increased in 1979. The explanation is that a new scheme for coding the causes was introduced that year.

#### Taking age and sex into account

Mr. G. C. Whipple noted in 1923 that, "We might find that the death rate of bank presidents was higher than that of newsboys; but this would not be because of different occupations, but because of different ages." We expect older people to die at a higher rate than younger people. We also expect people in their twenties to have more babies than the very young or the very old. Sex and race, as well as age, affect rates drastically.

When comparing two places or two points in time, it is necessary to take these influencing characteristics into account. Here is an example:

The death rate increased between 1950 and 1960 from 9.1 to 9.5 deaths per thousand. But an examination of the death rates for each age group indicates that these all decreased. This contradiction is explained by the fact that in 1960 a larger proportion of the population was concentrated in the older age groups where death rates are higher.

|                          | 1950 | 1960 |
|--------------------------|------|------|
| CRUDE DEATH RATE         | 9.1  | 9.5  |
| AGE SPECIFIC DEATH RATES |      |      |
| 0 - 4                    | 5.9  | 5.7  |
| 5 - 14                   | 0.6  | 0.4  |
| 15 - 24                  | 1.5  | 1.1  |
| 25 - 44                  | 2.4  | 2.1  |
| 45 - 64                  | 11.1 | 10.6 |
| 65+                      | 58.4 | 56.8 |

---

Before comparing two places or two time periods, always compare the population characteristics first. If discrepancies are noted in any relevant variables, then the rates should be adjusted or standardized in order to make the comparisons free of differences in the structure of the populations. The formulas for doing this are listed in the appendix.

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#### Small numbers

Perhaps the most common error made in vital statistics concerns the use of rates based on very small numbers. When the numbers being used to calculate rates are extremely small, large swings often occur in the rates which do not reflect real changes. Consider Wasco county's infant mortality rates for the past five years:

| WASCO COUNTY |               |                      |                           |
|--------------|---------------|----------------------|---------------------------|
| <u>YEAR</u>  | <u>BIRTHS</u> | <u>INFANT DEATHS</u> | <u>INFANT DEATH RATES</u> |
| 1980         | 371           | 4                    | 10.8                      |
| 1981         | 308           | 0                    | -                         |
| 1982         | 345           | 3                    | 8.7                       |
| 1983         | 341           | 4                    | 11.7                      |
| 1984         | 350           | 5                    | 14.3                      |
| 1980-1984    | 1,715         | 16                   | 9.3                       |

The overall rate of 9.3 is quite close to the state rate for the same time period (10.6). Yet for some years the rate is nearly double the rate of other years simply because two additional infants died. Public health officials would waste a good deal of energy reacting to these annual rates.

Statisticians expect a certain amount of chance variation and have methods to take this into account. The confidence interval uses the number of cases and their distributions to determine what the rate "really is". For example a statistician will say, "We are 95% sure that the true infant death rate for Oregon between 1980 and 1984 was  $10.6 \pm 0.44$ , that is, it lies somewhere between 10.16 and 11.04." If two rates have overlapping confidence intervals than the difference between them may be due to this chance variation. In other words the difference is not statistically significant.



Wasco county's infant death rate for the same period was  $9.3 \pm 4.6$

|       |                                                                        |              |
|-------|------------------------------------------------------------------------|--------------|
| WASCO | $\frac{\boxed{\text{-----}^*}}{\text{.1.....5.....9.3.....14.....20}}$ | CI $\pm 4.6$ |
| STATE | $\frac{\boxed{^*}}{\text{.1.....10.6.....20}}$                         | CI $\pm .44$ |

The difference between the state rate and Wasco county is not statistically different.

---

When comparing rates and ratios, differences should be tested for statistical significance. Formulas are listed in the appendix. For those who are reluctant to use formulas, consider this rule of thumb: a rate based on 20 cases has a 95% confidence interval about as wide as itself (the interval for a rate of 50 is between 25 and 75). Even large differences between two rates based on 20 cases or less are probably not statistically significant.

---

If 20 is too few, how many cases are sufficient to say that a true difference exists? Unfortunately we have no easy rules for this. To be safe, the vital statistician should always try to combine several years of data or consolidate geographical areas.

Many rates based on small numbers are published in this book because readers demand them. But anyone preparing to make important decisions based on these rates should make an effort to determine if rates are statistically significant.

#### STEP 4: ANALYZING THE DATA

The first three steps have been fairly mechanical:

- (1) Choose the correct events and the correct population to determine the number of events which took place for the geographical areas and time periods.
- (2) Calculate the rates.
- (3) Compare these rates to determine if the differences are statistically significant.



NOW the vital statistician must begin to ask the difficult questions. Just because two rates are different, can we assume that we have a case of cause and effect? Is there another factor which is really causing the changes in the rates? If the differences which we expected did not prove to be significant, is there another item which perhaps is masking the difference? Frequently the statistician has to refine the research question and begin all over again.

Several sources of help are available. Many of the widely used rates and ratios are presented in the Quick Reference section, and narratives and figures are included throughout the book to illustrate changes. And finally, the staff of the Center for Health Statistics are available for data users who need assistance.

## FORMULAS

### PREGNANCY

---

$$1. \text{ (CRUDE) BIRTH RATE} = \frac{\text{Resident Births}}{\text{Population}} \times 1,000$$

$$\text{Oregon, 1984} = \frac{39,536}{2,660,000} \times 1,000 = 14.9$$

---

$$2. \text{ AGE SPECIFIC BIRTH RATE} = \frac{\text{Resident Births to Mothers In Age Category}}{\text{Female population In Age Category}} \times 1,000$$

$$\text{Oregon, 1984, Age 20-24} = \frac{12,035}{11,398} \times 1,000 = 108.0$$

---

$$3. \text{ FERTILITY RATE} = \frac{\text{Resident Births to Mothers Aged 15-44}}{\text{Female population Aged 15-44}} \times 1,000$$

Note: Some publications use the following:  $\frac{\text{All resident births}}{\text{Female population Aged 15-44}}$

$$\text{Oregon, 1984} = \frac{39,466}{628,588} \times 1,000 = 62.88$$

---

$$4. \text{ TOTAL FERTILITY RATE} = \text{Age-specific Birth Rates In 5 year Categories between 15 and 44}$$

$$\text{Oregon, 1984} = 5 (42.5 + 108.0 + 110.9 + 66.4 + 21.2 + 3.1) = 1,760.5$$

---

$$5. \text{ FETAL DEATH RATE} = \frac{\text{Resident Fetal Deaths of 20 or More Weeks Gestation}}{\text{Resident Births}} \times 1,000$$

Note: Publications vary in the Gestation Cut off for fetal deaths.  
The following formula is sometimes used.

$$\frac{\text{Resident Fetal Deaths}}{\text{Resident Births} + \text{Resident Fetal Deaths}} \times 1,000$$

$$\text{Oregon, 1984, Residents} = \frac{257}{39,536} \times 1,000 = 6.5$$

---

$$6. \text{ ABORTION RATIO} = \frac{\text{Resident Abortions}}{\text{Resident Births}} \times 1,000 \text{ OR } \frac{\text{Occurrence Abortions}}{\text{Occurrence Births}} \times 1,000$$

$$\text{Oregon, 1984, Occurrence} = \frac{13,133}{40,841} \times 1,000 = 321.6$$

$$7. \text{ ABORTION RATE} = \frac{\text{Resident Abortions or Occurrence Abortions}}{\text{Female Resident Population Aged 15-44}} \times 1,000$$

$$\begin{aligned} \text{Oregon, 1984, Occurrence} &= \frac{13,003}{628,588} \times 1,000 = 20.7 \\ \text{with total adjusted for} & \\ \text{not stated ages.} & \end{aligned}$$

---

---

#### DEATHS

---

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$$8. \text{ (CRUDE) DEATH RATE} = \frac{\text{Resident Deaths}}{\text{Population}} \times 1,000$$

$$\text{Oregon, 1984} = \frac{23,101}{2,660,000} \times 1,000 = 8.7$$

$$9. \text{ INFANT DEATH RATE} = \frac{\text{Resident Infant Deaths}}{\text{Resident Births}} \times 1,000$$

$$\text{Oregon, 1984} = \frac{388}{39,536} \times 1,000 = 9.8$$

$$10. \text{ NEONATAL DEATH RATE} = \frac{\text{Resident Neonatal Deaths}}{\text{Resident Births}} \times 1,000$$

$$\text{Oregon, 1984} = \frac{190}{39,536} \times 1,000 = 4.8$$

$$11. \text{ POST-NEONATAL DEATH RATE} = \frac{\text{Resident Post-Neonatal Deaths}}{\text{Resident Births}} \times 1,000$$

$$\text{Oregon, 1984} = \frac{198}{39,536} \times 1,000 = 5.0$$


---

$$12. \text{ CAUSE-SPECIFIC DEATH RATE} = \frac{\text{Resident Deaths Due to Specific Cause}}{\text{Population}} \times 100,000$$

$$\text{Oregon, 1984, Heart Disease} = \frac{8,010}{2,660,000} \times 100,000 = 301.1$$

---


$$13. \text{ AGE-SEX SPECIFIC DEATH RATE} = \frac{\text{Resident Deaths In Age-Sex Category}}{\text{Population In Age-Sex Category}} \times 1,000$$

$$\text{Oregon, 1984, Males Aged 65-74} = \frac{3,278}{93,271} \times 1,000 = 35.1$$

---

#### MARRIAGE AND DIVORCE

---


$$14. \text{ MARRIAGE RATE} = \frac{\text{Marriages}}{\text{Population}} \times 1,000$$

$$\text{Oregon, 1984} = \frac{23,074}{2,660,000} \times 1,000 = 8.7$$

---


$$15. \text{ AGE-SPECIFIC MARRIAGE RATE} = \frac{\text{Marriages of Grooms In Specific Age Group}}{\text{Population of Males In Specific Age Group}} \times 1,000$$

$$\text{Oregon, 1984, Grooms Aged 20-24} = \frac{6,668}{113,484} \times 1,000 = 58.8$$

$$\frac{\text{Marriages of Brides In Specific Age Group}}{\text{Population of Females In Specific Age Group}} \times 1,000$$

$$\text{Oregon, 1984, Brides Aged 20-24} = \frac{7,416}{111,398} \times 1,000 = 66.6$$

---


$$16. \text{ DIVORCE RATE} = \frac{\text{Divorces}}{\text{Population}} \times 1,000$$

$$\text{Oregon, 1984} = \frac{15,631}{2,660,000} \times 1,000 = 5.9$$


---

# CALCULATING CONFIDENCE INTERVALS FOR RATES

To determine the confidence intervals for rates two numbers are needed : (1) the number of individuals for that event and (2) the number in the denominator of the rate. If the rate is an infant, neonatal or post-neonatal mortality rate then the denominator is the number of births. When examining characteristics of births use total births. Otherwise the denominator is a population figure. Use this formula:

$$\frac{1,000}{\text{denominator}} (\text{deaths} \pm 1.96 \sqrt{\text{deaths}}) = \text{rate} \pm \text{confidence interval}$$

---

Example: Is there a difference between the state and Lane county rates for low-birth weight infants?

In 1984, Oregon had 2,036 out of 39,536 babies that weighed less than 2,500 grams (5 1/2 lbs.).

In 1984, Lane county had 194 out of 3,888 babies that were born weighing less than 2,500 grams.

$$\begin{aligned} \text{State Confidence Interval} &= \frac{1,000}{39,536} (2,036 \pm 1.96 \sqrt{2,036}) \\ &= .025 (2,036 \pm 88.44) \\ &= 50.90 \pm 2.21 \end{aligned}$$

We are 95 percent sure that the low-birth weight rate for Oregon is between 48.69 and 53.11.

---


$$\begin{aligned} \text{Lane Confidence Interval} &= \frac{1,000}{3,888} (194 \pm 1.96 \sqrt{194}) \\ &= .257 (194 \pm 27.30) \\ &= 49.86 \pm 7.02 \end{aligned}$$

We are 95 percent sure that the low-birth weight rate for Lane County is between 42.84 and 56.88.

---

To determine if the difference between two rates is significant use the confidence intervals in this formula:

$$\text{Difference between the two rates} \pm \sqrt{1^{\text{st}} \text{ Confidence Interval}^2 + 2^{\text{nd}} \text{ Confidence Interval}^2}$$

If the interval obtained from this calculation does not include 0 then the difference is statistically significant at the 95 percent level.

Oregon Low-birth weight rate is  $50.90 \pm 2.21$

Lane Low-birth weight rate is  $49.86 \pm 7.02$

$$(50.90 - 49.86) \pm \sqrt{2.21^2 + 7.02^2}$$

$$1.0 \pm \sqrt{4.88 + 49.28}$$

$$1.0 \pm \sqrt{54.16}$$

$$1.0 \pm 7.36$$



The interval is between -6.4 and 8.4. Since zero falls between these two numbers, the difference between Lane county and Oregon's rate of low-birth weight infants is not statistically significant.

NOTE: If comparing death rates which are greater than 100 (for example for ages over 65)

then  $1.96 \sqrt{\frac{\text{deaths}}{\text{denominator}}}$  should be replaced with:  $1.96 \sqrt{\text{death} (1 - \frac{\text{deaths}}{\text{denominator}})}$

#### CALCULATING MORTALITY RATES ADJUSTED FOR SEX/AGE/RACE

When comparing rates and ratios the influences of sex, age and race differences in the populations must be taken into account. Comparing many different age-sex-race specific rates can be cumbersome. The following techniques are used by vital statisticians to summarize these rates into one number.

The direct adjusted rate applies each of the specific rates for a particular population (such as a county or an HSA) to a standard population distribution (such as the state). Often the United States population of 1940 is used.

The standard mortality ratio compared the number of deaths for a particular population (such as a county or an HSA) to the number of deaths which would be expected if some standard set of rates (such as the state or the U.S rates) had occurred.

Life expectancy assumes that a theoretical group of babies would experience each of the current specific death rates. The average life expectancy is the mean number of years lived by these babies.

Each of these techniques has its advantages and disadvantages. The easiest to calculate is the direct adjusted rate. The following example shows how to adjust a county's death rate for sex so that it may be compared to the state rate.

$$\frac{\frac{\text{county male deaths}}{\text{county male population}} \times \text{state male population} + \frac{\text{county female deaths}}{\text{county female population}} \times \text{state female population}}{\text{Total State Population}} \times 1,000$$

The same logic can be used to adjust for age and/or race.

#### REFERENCES

For further information about calculating confidence intervals and adjusting rates see:

National Center for Health Statistics: Infant Mortality, by J. C. Kleinman, Statistical Notes for Health Planners, No. 2. Health Resources Administration, Washington, D.C., July 1976.

National Center for Health Statistics: Mortality, by J. C. Kleinman, Statistical Notes for Health Planners, No. 3. Health Resources Administration, Washington, D.C., July 1977.

#### SYMBOLS USED IN THIS REPORT

QUANTITY IS ZERO IN FREQUENCY TABLES..... -  
 RATE OR PERCENT IS LESS THAN OR EQUAL TO 0.05..... 0.0  
 DATA NOT AVAILABLE OR NOT APPLICABLE..... ---  
 INSUFFICIENT DATA FOR COMPUTATION..... \*

## DEFINITIONS AND ABBREVIATIONS

LIVE BIRTH is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which, after such a separation, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached; each product of such a birth is considered live born.

FETAL DEATH is death prior to the complete expulsion or extraction from its mother of a product of conception of at least 20 weeks gestation, except where such expulsion results from a therapeutic abortion; the death is indicated by the fact that after such separation, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

INFANT DEATH is the death of a child prior to the first birthday.

NEONATAL DEATH is the death of a child within the first 27 days of life.

PERINATAL DEATH is the death of a fetus after 28 weeks gestation or the death of a live born infant prior to the first completed week of life.

IMMATURE INFANT is a live born infant with a birth weight less than 5 1/2 (2,500 grams) as reported on the birth certificate.

CRUDE BIRTH OR DEATH RATE is the number of live births or deaths per 1,000 total population.

INFANT DEATH RATE is the number of infant deaths per 1,000 live births.

NEONATAL DEATH RATE is the number of neonatal deaths per 1,000 live births.

PERINATAL DEATH RATE is the number of perinatal deaths per 1,000 related to the combined total of all fetal deaths of 28 weeks or more gestation and all live births.

MATERNAL DEATH RATE is the number of female deaths attributed to childbirth or to complications of pregnancy or the puerperium per 100,000 live births.

BIRTHS TO UNWED MOTHERS RATIO is the number of births to unwed mothers per 1,000 live births.

## ABBREVIATIONS

- C.N.M. - Certified Nurse Midwife
- D.C. - Doctor of Chiropractic Medicine. Chiropractic being a system of therapeutics based upon the claim that disease is caused by abnormal function of the nerve system. It attempts to restore normal function of the nerve system by manipulation and treatment of the structures of the human body, especially those of the spinal column. \*
- D.O. - Doctor of Osteopathic Medicine. Osteopathy being a system of therapy founded by Andrew Taylor Still (1828-1917) and based on the theory that the body is capable of making its own remedies against disease and other toxic conditions when it is in normal structural relationship and has favorable environmental conditions and adequate nutrition. It utilizes generally accepted physical, medicinal, and surgical methods of diagnosis and therapy, while placing chief emphasis on the importance of normal body mechanics and manipulative methods of detecting and correcting faulty structure.\*
- M.D. - Medical Doctor. Medical pertaining to medicine or the treatment of diseases.
- N.D. - Naturopathic Doctor. Naturopathy being a system of therapy without using drugs and utilizing physical forces such as air, light water, heat, massage, etc. \*
- R.N. - Registered Nurse.

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\* Taken from Dorland's Illustrated "Medical Dictionary." : W.B. Saunders Co. c 1965.

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OTHER RECENT PUBLICATIONS  
AVAILABLE FROM THE CENTER FOR HEALTH STATISTICS

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OREGON VITAL STATISTICS COUNTY DATA, 1984

INDUCED TERMINATION OF PREGNANCY, 1984

LEADING CAUSES OF MORTALITY, 1978-1982

OREGON HEALTH TRENDS, Quarterly Newsletter

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April 1985 - Popular Baby Names  
July 1985 - Emergency Medical Services (Out of Stock)  
October 1985 - Out-of-Hospital Births & Death Rates by Race  
January 1986 - Teen Pregnancy & Sudden Infant Death Syndrome

INTRODUCTION AND OVERVIEW, PART 1

Accidental Deaths, Suicides and Homicides in Oregon  
1979-1981

MOTOR VEHICLE DEATHS, PART 2

Accidental Deaths, Suicides and Homicides in Oregon  
1979-1981

PLACE OF DELIVERY  
BY RESIDENT ZIPCODE, 1984  
(\$50.00 cost - Order Sheet and  
Sample Page Available)

ERRATA

TABLE 51. ACCIDENTAL DEATHS BY PRINCIPAL CLASSES AND COUNTY OF ACCIDENT,  
OREGON, 1984.

| COUNTY OF<br>ACCIDENT | TOTAL  |                    | MOTOR<br>VEHICLE | HOME | OCCUPA-<br>TIONAL | PUBLIC | UNCLAS-<br>SIFIED |
|-----------------------|--------|--------------------|------------------|------|-------------------|--------|-------------------|
|                       | Number | Rate <sup>1/</sup> |                  |      |                   |        |                   |
| Multnomah             | 195    | 34.7               | 87               | 51   | 3                 | 49     | 5                 |